

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 188266

TO: Nita M Minnifield

Location: rem-3c01/3c18

Art Unit: 1645

Wednesday, May 10, 2006

Case Serial Number: 08/170344

From: Kristine Hensle

Location: Biotech-Chem Library

REM-1B69

Phone: (571)272-4161

Kristine.Hensle@uspto.gov

Search Notes

Examiner Minnifield,

See attached results. This packet is part 1 of 8.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Kristine Hensle Librarian STIC Biotech/Chem Library (571)272-4161





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1882/06

From: Sent: To: Cc: Subject:	Pak, Michael Tuesday, May 02, 2006 1:15 PM STIC-Biotech/ChemLib Minnifield, Nita FW: sequence search approval 08/170344
Dear STIC,	
Please search the	multiple sequence search request set forth below.
Thanks,	
Mike Pak	
Sent: Su To: Pa Subject: sec	nnifield, Nita nday, April 30, 2006 3:29 PM k, Michael quence search approval 08/170344
Michael, 08/170344	
Michael,	
revived and claims. I nee	s been ABN since 01/97; however Applicants petitioned to have it of course it was revived. There are 74 short peptide sequences in the d an interference sequence search done. Please approve so I can get this (this is a 2 month amdt. case).
STIC	

Please do an interference sequence search on SEQ ID NO: 1-74 (all aa sequences) of this application.

Please provide a paper copy of all results.

Thanks, Minnifield,

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Searcher Phone:
Date Searcher Picked up:
Date completed:
Searcher Prep Time:
Online Time:

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RESULT 1
US-08-159-339A-225
                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION & 424
PRIOR APPLICATION NUMBER: US 07/926,666
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6037135
GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding peptides and Their
TITLE OF INVENTION: Uses
TITLE OF SEQUENCES: 1254
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o. 6037135
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                                             (415) 576-0300
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US-9-18-25773
US-09-489-039A-9651
US-09-489-039A-7605
US-09-252-991A-33044
US-09-252-991A-21863
US-09-252-991A-21863
US-09-252-991A-21863
US-09-252-991A-21863
US-09-291-289-6
US-10-166-653-18
US-09-248-796A-20519
US-09-248-796A-20519
US-09-248-796A-20519
US-09-28-186-188-99
US-09-28-188-99
US-09-28-291A-27632
US-09-489-039A-7295
US-09-052-778-12
US-09-052-778-12
US-09-052-778-13
US-09-052-778-13
US-09-052-778-13
US-09-053-778-13
US-09-188-092-538-150
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25773, A
9651, Ap
7605, Ap
22367, A
33044, A
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11963, A
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US-08-363-586-3
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                                                                                                                                              Query Match
Best Local Similarity
Matches 9; Conserv
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Best Local Similarity 100
Matches 9; Conservative
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FILING DATE: 23-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-JUL-1992
APPLICATION NUMBER: EP 9111720.8
FILING DATE: 13-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 03,218
REFERENCE/DOCKET NUMBER: 02481-1195-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Mueller, I
APPLICANT: Gissmann,
                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 202-408-400
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
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TYPE: amino acid
STRANDENDESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Use of HPV-16 E6 and E7-Gene Derived TITLE OF INVENTION: Peptides for the Diagnostic Purpose NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acide
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                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
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ADDRESSEE: Dunner
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                                                                                                1 AMFQDPQER 9
                                                                                                                                                                                                                                                                                                    amino acid
GY: linear
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                                                                                                                                                                                                                                                                                                                                               23 amino acids
                                                                                                                                              100.0%; Score 48; DB 1; ilarity 100.0%; Pred. No. 0.0084; Conservative 0; Mismatches 0
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100.0%; Pred. No. 4.6e+05;
vative 0; Mismatches 0;
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Sequence

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09980523A
Patent No. 6783763
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Best Local
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APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
TITLE OF INVENTION: POLYEPITODIC PROTEIN FRAGMENTS OF THE E6 AND
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOBL AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 202-04-29
CURRENT FILING DATE: 202-04-29
        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Vers
SOFTWARE: PatentIn Release #1.0, Vers
CURRENT APPLICATION UNMBER: US/08/316,239B
PILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGISTRATION UNMBER: 35,205
REGISTRATION NUMBER: UNME-0001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
TELEPHONE: (703) 803-9387
TELEPAX: (703) 803-9387
TELEPAX: (703) 803-9387
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Human Papillomavirus
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 158
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APPLICANT: Parmenter,
TITLE OF INVENTION: MO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: INTITLE OF INVENTION: Ce NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 20120-3400
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6126 Rocky Way Court
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Methods and a Diagnostic Aid for
Distinguishing a Subset of HPV that is Associated with
Increased Risk of Developing Cervical Dysplasia and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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Pred. No. 0.062;
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USE
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RESULT 5
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                                                                                                                                        US-08-316-239B-4
                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: UNME-0001
REFERENCE/DOCKET NUMBER: UNME-0001
TELECHONE: (703) 817-9453
TELEPHONE: (703) 817-9453
TELEPHONE: (703) 817-9453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08316239B Patent No. 5679509
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                                                                  Matches
                                                                                                   Query Match
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APPLICANT: Wheele
APPLICANT: Parmen
                                                                                                                                                                                                                                                           TELEFAX: (703) 803-9387 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ITILE OF INVENTION:
                                                                                                                                        TOPOLOGY: not relevant MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: not relevant MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 6126 Rocky
CITY: Centreville
STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 162 amino acids
TYPE: amino acid
STRANDEDNESS: not relev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20120-3400
                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                    Local
                                                                                                                                                                                                                                              LENGTH:
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                                                              l Similarity
9; Conserva
                                 1 AMFODPOER 9
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AMFODPOER 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Jagtiani & Associates
6126 Rocky Way Court
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                                                                    Conservative
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                                                                    100.0%; Score 48; DB 1;
100.0%; Pred. No. 0.064;
rative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 48; DB 1; Length 162; 100.0%; Pred. No. 0.064; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Cervical Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Distinguishing a Subset of HPV that is Associated w
Increased Risk of Developing Cervical Dysplasia and
                                                                                                       DB 1;
                                                                                                     Length 162;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HPV that is Associated with
                                                                        Indels
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RESULT 6

US-08-860-165-14

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APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
FURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
CURRENT FILING DATE: 1997-09-22
EARLIER FILING DATE: 1997-09-22
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: BOT/AU95/00868
EARLIER FILING DATE: 1994-12-20
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEO ID NOS: 27
NUMBER OF SEO ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: DT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER APPLICATION NUMBER: DT/AU95/00868
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEO ID NOS: 15
RESULT 8
US-08-117-083-10
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                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                      Best Local Similarity
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                                                                                                                                                                                                                                                           LENGTH: 172
TYPE: PRT
ORGANISM: Human papillomavirus type 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
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TYPE: PRT
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5. 6004557
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                                                                                 AMFODPOER 84
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                                                                                                                                                                                    100.0%; Score 48; DB 2; Length 172; 100.0%; Pred. No. 0.068;
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Pred. No. 0.068;
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RESULT 9
US-09-462-993-1
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                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: KIENY, Ma
APPLICANT: BALLOUL,
APPLICANT: BIZOUARNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/08117083 Patent No. 5719054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                             Sequence 1, Application US/09462993 Patent No. 6884786
APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/09/462,993
CURRENT FILING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR PILING DATE: 1998-07-17
PRIOR FILING DATE: 1998-07-17
PRIOR FILING DATE: 1997-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 415-398-3249
TELEX: 910 277229
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 182 amino acid
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTOPOREV ACCES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEPAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
crame. Cr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 1..182
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 182 amino acids
TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Protein LOCATION: 1..182
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the open reading frame."
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Sequence 10, Application US/09359382

Patent NO. 6306397

GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Isn
APPLICANT: FRAZER, Isn
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANT
FILE REFERENCE: 017227/0148
CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
BARLIER APPLICATION TOMBER: US 08/860,165
BARLIER FILING DATE: 1997-09-22
EARLIER FILING DATE: 1997-09-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: EDWARDS, Stirling John
APPLICANT: EDWARDS, Stirling John
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
APPLICANTON UNABRA: OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence:Derivated from ; OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein ; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-09-462-993-1
                                                                                                                                                                                                                                                                                                                                                          밁
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                                                                                                                                                                                                                                                                                                RESULT 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-860-165-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 10
LENGTH: 266
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
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LENGTH: 243
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SOFTWARE: Patentin V
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ORGANISM: Artificial Sequence
FEATURE:
PARLIER APPLICATION NUMBER: PCT/AU95/00868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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9; Conserv
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llarity 100.0%;
Conservative (
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larity 100.0%;
Conservative 0;
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Pred. No. 0.098;
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; TYPE: PRT ; ORGANISM: Human papillomavirus type 16 US-09-359-382-10
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EARLIER APPLICATION NUMBER: AU I
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. SEQ ID NO 1
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Best Local :
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                sequence
                                                                                                                                                                                                                                                                                                               Sequence 4, Applic
Patent No. 6342224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/367,309A CURRENT FILING DATE: 1999-08-11 PRIOR APPLICATION NUMBER: PCT/AU98/00080 PRIOR FILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: AU PO 5178 PRIOR FILING DATE: 1997-02-19 NUMBER OF SEQ ID NOS: 6
                                                  CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OP INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
SOFTWARE:
                                  NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                  Application US/09485885
                 FastSEQ for Windows Version 3.0
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ilarity 100.0%;
Conservative 0
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Pred. No. 0.11;
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Pred. No. 0.11;
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FILE REPERENCE: B45.07

CURRENT APPLICATION NUMBER: US/09/485,885

CURRENT FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR PILING DATE: 1998-08-17

PRIOR PILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 10

SEQ ID NO 10

SEQ ID NO 10

CEGNISM: Homo Sapien

US-09-485-885-10
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-4
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Ter
APPLICANT: Delisse, Anne-Mari
APPLICANT: Gerard, Catherine;
APPLICANT: Lombardo-Bencheikh
TITLE OF INVENTION: Vaccine
FITLE REFERENCE: B45107
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US-09-485-885-6
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US-09-485-885-10
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APPLICANT: Bruck, Claudine
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Patent No. 6342224
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Patent No. 6342224
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APPLICANT:
                                                  SOFTWARE:
                                                                                                     CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
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TITLE OF INVENTION: Vaccine
                                                                      NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
TYPE: PRT
ORGANISM: Homo sapien
                                   ENGTH: 371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     113 AMFODPOER 121
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Gerard, Catherine Marie Ghislaine
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; Sequence 4, Application US/08363586
Patent No. 5629161
; GENERAL INFORMATION:
APPLICANT: Mueller, Martin
APPLICANT: Gissmann, Lutz
TITLE OF INVENTION: Use of HPV-16
TITLE OF INVENTION: Peptides for t
NUMBER OF SEQUENCES: 4
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Best Local Similarity
"---hes 9; Conserv
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-14
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US-08-363-586-4
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 14
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Patent No. 6342224
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CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
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APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
FILING DATE: 23-DEC-1994
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                           STATE:
                                                                                                                                                                                                                          STREET: 1300 I St
CITY: Washington
                                                                                                                                                                        ZIP: 20005-3315
                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                               ADDRESSEE: Finneg
ADDRESSEE: Dunner
CLASSIFICATION:
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                                                                                                                                                                                                                                                                               Finnegan, Henderson,
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100.0%; Pred. No. 0.15;
tive 0; Mismatches 0
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100.0%; Pred. No. 0.16;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                          Use of HPV-16 E6 and E7-Gene Derived Peptides for the Diagnostic Purpose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 2; Length 390;
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RESULT 18
US-09-701-080C-18
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Best Local Similarity
Warches 8; Conserva
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; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-363-586-4
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 18
LENGTH: 151
TYPE: PRT
ORGANISM: Human papillomavirus
US-09-701-080C-18
                                                                                                                                                                                                   US-08-934-915-158
                                                                                                                                                                                                                        RESULT 19
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Best Local S
Matches 8
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                                                                                                                                   Sequence 158, Application US/08934915
Patent No. 5932412
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN P300
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCW
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR FILING DATE: 1998-05-26
PRIOR FILING DATE: 1999-01-05
NUMBER OF SEC ID NOS: 36
NUMBER OF SEC ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 202-408-4000
TELEPAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 13-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
APPLICANT: DILLNER, JOAKIM
APPLICANT: DILLNER, LENA
APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: BAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: EP 91111720.8
                                                                                                                                                                                                                                                                                    1 MFQDPQER 8
                                                                                                                                                                                                                                                                                                                 2 MFQDPQER 9
                                                                                                                                                                                                                                                                                                                                                             l Similarity
8; Conserva
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                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                               91.7%; Score 44; DB 2;
100.0%; Pred. No. 0.36;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 07/909,296
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; MOLECULE TYPE: peptide
US-08-934-915-158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Applic
Patent No. 5415995
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Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,915
FILING DATE: 22-SEP-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: LOUISE A. FOUTCH
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
TELEFAX: 813-538-3820
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                     ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/949,836
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: DIAGNOSTIC PURPOSES NUMBER OF SEQUENCES: 193
                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/909,122
FILING DATE: 19920706
                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA TITLE OF INVENTION: VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SCHOOLNIK, APPLICANT: PALEFSKY,
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BENZ, WILLIAM H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 17757 U.S
CITY: CLEARWATER
STATE: FLORIDA
                                                                                                                                                                                                                                                                         STREET: 755 Page Mill Road CITY: Palo Alto
                                                                                                                                                                                                                                                      STATE: California
                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                               ADDRESSEB:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                               PALEFSKY, JOEL M.
                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                 MORRISON & FOERSTER
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Pred. No. 0.068;
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APPLICANT: TINDLE, APPLICANT: FERNANDO, GERMAIN
APPLICANT: FERNANDO, GERMAIN
APPLICANT: FRAZER, IAN
TITLE OF INVENTION: SUBUNIT PAPILLOMA VIRUS VACCINE AND
TITLE OF INVENTION: PEPTIDES FOR USE THEREIN
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: 1601 MARKET STREET, 36TH FLOOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ş
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US-08-075-541D-52
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GENERAL INFORMATION:
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TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                      TELEFAX: 215-567-2991
(NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                      APPLICATION NUMBER: AU pk 3876
FILING DATE: 12-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: pct/au91/00575
FILING DATE: 12-DEC-1991
                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/075,541D
FILING DATE: 10-JUN-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 19103-2398
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
                                                                                                                                                                   NAME: NADEL, ALAN S
REGISTRATION NUMBER: 27,363
REFERENCE/DOCKET NUMBER: 87
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                    FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                 SEQUENCE CHARACTERISTICS:
                TOPOLOGY: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                             STRANDEDNESS:
                                                                TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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                                                                                                                                     TELEPHONE: 215-567-2020
TELEPAX: 215-567-2991
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                            linear
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            peptide
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100.0%; Pr
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; Pred. No.
                                                                                                                                                                                         8795-4
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0.3;
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Query Match

Score 36;

DB 2;

Length 15;

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US-09-252-991A-32932
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US-09-198-452A-37
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US-09-543-681A-6486
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FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6486
LENGTH: 1161
Sequence 32932, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AND TITLE OF INVENTION: APRUGINOSA FOR DIAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 37
LENGTH: 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 37, Application US/09198452A Patent No. 6559294
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Best Local 9
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Proteus mirabilis
                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
                                                                                                                                                                                                                                                                            Local Similarity
les 6; Conserv
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      Rubenfield et al.

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     85.7%;
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                                                                                                                                                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                    68.8%; Score 33; 100.0%; Pred. No.
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1; Mismatches
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Pred. No. 1.7e+02;
1; Mismatches 1
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82;
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APPLICANT: Kalman, Sue
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Chlamydia Pneumoniae Genome Sequence
PILE REFERENCE: 018941-000411US
CURRENT APPLICATION NUMBER: US/09/438,185A
CURRENT FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: US 60/108,279
PRIOR APPLICATION NUMBER: US 60/108,279
PRIOR APPLICATION NUMBER: US 60/128,606
PRIOR FILING DATE: 1998-11-12
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 1074
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 23
LENGTH: 588
TYPE: PRT
ORGANISM: Chlamydia pneumoniae
PEATURE:
PRIOR THEORMATION: CPn0021
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32932
LENGTH: 352
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US-09-438-185A-23
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US-09-902-540-16309
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             Sequence 16309, Application US/09902540

Patent No. 6833447

GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/9/902,540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hest Local Similarity 62.5%; Matches 5; Conservative
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APPLICANT: Mitchell, Wayne
APPLICANT: Kalman, Sue
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 100 nes 6; Conservative
                                                                                                                                                                                                                                                                                                                       404 ODPOER 409
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                                                                                                                                                                                                                                                                                                                                                                                                          68.8%; Score 33; DB 100.0%; Pred. No. 2e-ative 0; Mismatches
2001-07-10
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Pred. No.
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CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 1816
LENGTH: 325
TYPE: PRT
ORGANISM: Homo sapiens
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; TYPE: PRT
; ORGANIZM: Myxococcus xanthus
US-09-902-540-16309
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US-09-736-457-1816
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APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
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PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 16309
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APPLICANT: Wang, TAPPLICANT: Bangur,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                        Patent No. 6509448
             APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
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CURRENT APPLICATION NUMBER: US/09/736,457
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                                                                                                         Vedvick, Tom
Carter, Darrick
Retter, Marc
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Lodes, Michael A.
                                                                                                                                                                     Bangur, Chaitanya
Lodes, Michael A.
                                                                         Mannion, Jane
Fan, Liqun
                                                                                                                                                         Fanger, Gary
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62.5%;
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77.8%;
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Pred. No. 1.7e+02;
2; Mismatches 1
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Pred. No. 3.2e+02;
Commarches 2;
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APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FALLING DATE: 2000-09-26
CURRENT FALLING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1816
LENGTH: 325
TYPE: PRT
ORGANISM: Homo sapiens
US-09-671-325-1816
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; NUMBER OF SEQ ID NOS: 1864
; SOSTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1816
; LENGTH: 325
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-736-457-1816
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; Sequence 1816, Application US/10017754
; Patent No. 6858204
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Matches
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APPLICANT: Marnerakis, Margarita
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C18
                                                                                                                                                                               APPLICANT:
                                                                                                                                                APPLICANT:
                                                                                                                                                                                                               APPLICANT: Henderson, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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les 5; Conserv
                                                                                                                                                                                                                                   INFORMATION:
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Carter, Darrick
Retter, Marc
Mannion, Jane
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                                                                                                                                                          Wang, Tongtong
Watanabe, Yoshihiro
Johnson, Jeffrey C.
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Bangur, Chaitanya
Lodes, Michael A.
                                                                                                                                             Retter, Marc W.
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62.5%;
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Pred. No. 1.7e+02;
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Pred. No.
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1.7e+02;
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CURRENT APPLICATION NUMBER: US/10/017,754
CURRENT FILING DATE: 2001-10-29
NUMBER OF SEQ ID NOS: 2004
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1816
LENGTH: 325
TYPE: PRT
ORGANISM: Homo sapiens
US-10-017-754-1816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/631,863A
CURRENT FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn version 2.1
SEQ ID NO 2
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-09-631-863A-2
                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
VIUMBER OF SEQ ID NOS: 28208
SEQ ID NO 16357
LENGTH: 529
                                                                                                        ; TYPE: PRT; ORGANISM: Candida albicans US-09-248-796A-16357
                                                                                                                                                                                                                                                                                                                                                                                US-09-248-796A-16357
, Sequence 16357, Application US/09248796A
, Patent No. 6747137
, GENERAL INFORMATION:
, APPLICANT: Keith Weinstock et al
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Best Local Similarity
Thes 5; Conserve
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US-09-631-863A-2
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Matches
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APPLICANT: Boehringer Ingelheim International GmbH
TITLE OF INVENTION: Tumor-associated Antigen R11
FILE REFERENCE: 12211aa
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                                  Matches
                                                                    Query Match
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                                Best Local Similarity
Matches 5; Conservat
                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 5; Conserv
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3 FQDPQER 9
                                   Conservative
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                                                    66.7%;
71.4%;
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                                  Score 32; DB 2; Le
Pred. No. 2.9e+02;
Pred. No. 2.9e+02;
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Pred. No. 2.1e+02;
2; Mismatches 1
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Pred. No. 1.7e+02;
                                                                      Length 529;
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US-09-489-039A-7923
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LENGTH: 620
TYPE: PRT
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Best Local S
Matches 6
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Best Local S
Matches 5
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TITLE OF INVENTION: Nucleic acids and proteins
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 41556
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 661083
                                                                                                                Sequence 46, Application US/07857224B Patent No. 5958784
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gary Breton et. al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TITLE OF INVENTION: PMEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 2709.2004001
                                                                 GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicti
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
STREET: Hadlaubstrasse 151
                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 66.
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Pred. No. 3.4e+02;
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Pred. No. 1.6e+02;
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                                                                     Folded Structures of Proteins
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US-09-270-767-42416
                                                                                                                   US-09-270-767-42416
                                                                                                                        GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42416
LENCTH: 287
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: DROSOPHILA melanogaster
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Best Local Similarity
Matches 5; Conserv
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                                                  Matches
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APPLICATION NUMBER: US/07/857,22 FILING DATE: 03/25/92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: (note: this is a COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 incl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 436
PRIOR APPLICATION DATA: none
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: Protein kinase PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
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DESCRIPTION: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JOURNAL: Scie
VOLUME: 241
PAGES: 42-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (International) 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: none
COUNTRY: Switzerland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AUTHORS: Hanks, S. K.
AUTHORS: Quinn, A. M.
AUTHORS: Hunter, T.
TITLE: The protein kinase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Schizosaccharomyces pombe
MATURE: Protein kinase; Table 8 Colu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
TOPOLOGY: linear
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DATE: 1988
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                                                                                                                                                                                                                                                                                                                                                                                                                                          230 AVFEDPGQR 238
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                                                l Similarity
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1 AMFQDPQER 9
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                                                  Score 31; DB 2;
Pred. No. 2.4e+02;
2; Mismatches 2
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Pred. No. 2.2e+02;
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                                                                                   Length 287;
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Best Local Similarity
Matches 6; Conservi
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Best Local S
Matches 5
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                         Sequence 22590, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
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GENERAL INFORMATION:
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LENGTH: 324
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Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 30165
LENGTH: 338
TYPE: PRT
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-09-252-991A-29703
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Pseudomonas aeruginosa
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Pred. No.
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Pred. No. 2.7e+02;
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FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEO ID NOS: 33142
SEQ ID NO 19511
LENGTH: 484
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ 1D NO 22590
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US-09-252-991A-20181
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Best Local Similarity
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US-09-252-991A-19511
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US-09-252-991A-22590
                                 GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
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Patent No. 6551795
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              Sequence 20181, Application US/09252991A Patent No. 6551795
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Best Local :
SEQ ID NO 20181
LENGTH: 534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
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Pred. No. 4e+02;
2; Mismatches
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Pred. No. 4.1e+02;
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APPLICANT: Day, Craig H.

APPLICANT: Hosken, Mancy A.

APPLICANT: Parsons, Joseph M.

APPLICANT: Parsons, Joseph M.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION FILE REFERENCE: 210121.538C3

CURRENT APPLICATION NUMBER: US/10/237,551

CURRENT FILING DATE: 2002-09-06

NUMBER OF SEQ ID NOS: 254

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 121

LENGTH: 545

TYPE: PRT

ORGANISM: HSV-2

US-10-237-551-121
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US-10-237-551-121
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US-09-252-991A-20181
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US-10-237-551-157
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                                                                                                                                    NUMBER OF SEQ ID NOS: 254
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 157
LENGTH: 545
TYPE: PRT
ORGANISM: HSV2
US-10-237-551-157
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Best Local Similarity
Matches 5; Conserv
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Best Local
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Patent No. 6821519
GENERAL INFORMATION:
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Best Local S
                                                                      Matches
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APPLICANT: Hosken, Nancy A.
APPLICANT: Hosken, Nancy A.
APPLICANT: Hosken, Nancy A.
APPLICANT: Parsons, Joseph M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
FILE REFERENCE: 210121.538C3
CURRENT APPLICATION NUMBER: US/10/237,551
CURRENT FILING DATE: 2002-09-06
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 481
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                                 1 AMFQDPQER 9
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 SLWQDPPER 489
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Pred. No. 4.6e+02;
3; Mismatches 1
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Pred. No. 4.5e+02
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Pred. No. 4.6e+02;
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RESULT 44

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Sequence 215, Application US/10237551
Sequence 215, Application US/10237551

Sequence 215, Application

GENERAL INFORMATION:

APPLICANT: Day, Craig H.

APPLICANT: Hosken, Nancy A.

APPLICANT: Hosken, Joseph M.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION FILE REFERENCE: 210121.538C3

CURRENT APPLICATION UNMBER: US/10/237,551

CURRENT FILING DATE: 2002-09-06

NUMBER OF SEQ ID NOS: 254

SOFTWARE: FRStSEQ for Windows Version 4.0

SEQ ID NO 215

LENCTH: 547

TYPE: PRT

ORGANISM: Herpes Simplex Virus Type 2

US-10-237-551-215
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US-10-237-551-216
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Sequence 9511, Application US/09949016

Patent No. 6812339

Patent No. 6812339

Patent No. 6812339

PAPPLICANTION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/237,551
CURRENT FILING DATE: 2002-09-06
NUMBER OF SEQ ID NOS: 254
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 216
LENGTH: 547
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PATENT NO. 6821519
GENERAL INFORMATION:
APPLICANT: Day, Craig H.
APPLICANT: Hosken, Nancy A.
APPLICANT: Parsons, Joseph M.
APPLICANT: Parsons, Joseph M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
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Local Similarity 55.6%;
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Pred. No. 4.6e+02;
3; Mismatches 1;
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Pred. No. 4.6e+02;
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; PRIOR FILING DATE: 2000-10-03; PRIOR APPLICATION NUMBER: 60/231,498; PRIOR FILING DATE: 2000-09-08; PRIOR FILING DATE: 2000-09-08; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 9511; LENGTH: 672; TYPE: PRT; ORGANISM: Human
US-09-949-016-9511
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US-09-252-991A-21575
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                                                                             US-09-328-352-5208
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TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 21575
LENGTH: 740
TYPE: PRT
                                                                                       Sequence 5208, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: GATY L. Breton et al.
TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 5208
LENGTH: 818
TYPE: PRT
ORGANISM: Asinetobacter baumannii
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GENERAL INFORMATION:
 Best Loc
Matches
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Best Local Similarity
Matches 5; Conserv
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Best Local :
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                                   Query Match
 Local Similarity hes 5; Conserv
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Local Similarity 62.5%;
hes 5; Conservative
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 Conservative
                 64.6%;
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Score 31; DB 2;
Pred. No. 7e+02;
2; Mismatches
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Pred. No. 6.3e+02;
2; Mismatches 1;
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                                   Length 818;
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PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR PRIOR DATE: 2000-07-10
PRIOR DATE: 2001-07-10
PRIOR DATE: 2000-07-10
PRIOR DATE:
Search completed: May Job time: 32.75 secs
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US-09-902-540-16539
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR TILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 12961
LENGTH: 909
TYPE: PRT
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APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
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GENERAL INFORMATION:
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Sequence 7, Appli Sequence 10436, 1 Sequence 8477, Ap Sequence 5, Appli Sequence 4, Appli Sequence 25, Appli Sequence 25, Appli Sequence 101, Appli	Sequence 4, Appli Sequence 6, Appli Sequence 10, Appl Sequence 39, Appl Sequence 20, Appl	6,74	381	2145	sequence 5, Appl Sequence 5, Appl Sequence 5, Appl	6,0	10	325	34	Sequence 1, Appl Sequence 1, Appl Sequence 1, Appl	2,1,2	230	220	ွယ် ကို	4.	100		U (U )			U 10	10 10	10 10		equence	equence	Sequence 20601, A Sequence 4, Appli Sequence 20550, A
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APPLICANT: Weng, Zhiping
APPLICANT: Weng, Zhiping
APPLICANT: Zhang, Chao
FITTLE OF INVENTION: METHODS FOR DESIGNING MO
TITLE OF INVENTION: COMPOSITIONS THEREOF
FILE REFERENCE: BU-035AX
CURRENT APPLICATION NUMBER: US/10/133,210
CURRENT FILING DATE: 2002-04-26
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 277
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Sequence 81, Application US/10751845
Publication No. US20050100928A1
GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
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Matches 9
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Publication No. US20030103964A1
GENERAL INFORMATION:
APPLICANT: DeLiei, Charles
APPLICANT: Berzofsky, Jay
APPLICANT: Gulukota, Kamalakar
APPLICANT: Vaccaro, Dennis
                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: -10-133-210-277
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TYPE: PRT
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US-11-044-765-312
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US-10-644-765-165
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APPLICANT: Heddey, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POL
FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-016
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 64
LENGTH: 20
TYPE: PRI
TOCANTON. Liman Danilloma Viria
          Sequence 59, Application US/10476570

Publication No. US20040170644A1

GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAUTT-VILLADA, Igabelle
APPLICANT: BOURGAUTT-VILLADA, Igabelle
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
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CURRENT EDITION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR PILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-10-751-845-64
; Sequence 64, Application US/10751845
; Publication No. US20050100928A1
                                                                                                                                                                                                        RESULT 4
US-10-476-570-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Human Papilloma virus US-10-751-845-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Human Papilloma virus US-10-751-845-81
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Best Local S
Matches 9
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Best Local Similarity
Matches 9; Conserv
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TYPE: PRT
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
                                                                                                                                                                                                                                                                                                                           1 AMFQDPQER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity 9; Conserv
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Pred. No. 1.7e+06;
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Pred. No. 0.054;
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Sequence 2, Application US/10858384
Publication NO. US20050033025A1
GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
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US-10-858-384-2
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APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.

APPLICANT: Chicz, Roman M.

TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
FILE REPERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
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LENGTH: 22
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 126
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                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Artificial fusion sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 117
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9; Conserv
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Pred. No.
                                               ISABELLE
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PRIOR ETLING DATE: 2004-06-02
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 2
LENGTH. 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT ; ORGANISM: Homo sapiens US-10-367-057-16
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                                 GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: GELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application No. US20 GENERAL INFORMATION:
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LENGTH: 158
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Publication No. US20050142541A1
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CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 198
SOFTMARE: CuraSeqList version 0.1
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cuthill, Scott;
APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Same
FILE REFERENCE: 21402-559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
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TYPE: PRT
ORGANISM: Human Papillomavirus
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 100.0%;
nes 9; Conservation
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No. US20050100554A1
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Pred. No. 0.46;
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Pred. No.
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RESULT 10
US-10-751-845-157
; Sequence 157, App
; Publication No. U
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US-10-472-724-2
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APPLICANT: Cur Hausen, Harald
TITLE OF INVENTION: Modified HPV E6 and E7 ge
FILE REFERENCE: 4121-154
CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
ROTENTALE DESCRIPTION SECONDALISM SECONDA
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PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 13
SEQ ID NO 14
SEQ ID NO 15

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SEQ ID NO 2
LENGTH: 171
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/10472724 Publication No. US20040171806A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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                                                                                                                         APPLICANT: Urban, Robert G.

APPLICANT: Chicz, Roman M.

APPLICANT: Chicz, Roman M.

TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES

FILE REFERENCE: 08191-013001

CURRENT FILING DATE: 2004-01-05

PRIOR APPLICATION NUMBER: US/10/151,845

PRIOR APPLICATION NUMBER: US/64,225

PRIOR FILING DATE: 2000-08-18

PRIOR APPLICATION NUMBER: US 60/169,846

PRIOR PRIOR PRIOR DATE: 1999-12-09

PRIOR PRIOR DATE: 1999-19-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hedley, Mary Lynne APPLICANT: Urban, Robert G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9;
SEQ ID NOS: 163
FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AMFQDPQER 20
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Pred. No. 0.46;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOURRUS, Nadaine
TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION UNMBER: US/11/072,288
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US/9/462,993
PRIOR FILING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR PILING DATE: 1997-07-18
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US-10-751-845-158
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; PEATURE:
; OTHER INFORMATION: Artificial fusion sequence
US-10-751-845-157
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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING PO
FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/99/664,225
PRIOR APPLICATION NUMBER: US/99/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
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LENGTH: 236
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 158
LENGTH: 237
                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/11072288
Publication No. US20050159386A1
GENERAL INFORMATION:
APPLICANT: KIENY, Marie-Paule
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Best Local Similarity
Matches 9; Conserv
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Best Local Similarity 100.0%;
Matches 9; Conservative C
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ilarity 100.0%;
Conservative (
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Pred. No. 0.7;
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Pred. No. 0.69;
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US-10-751-845-160
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                                                                                                                                                                                 Sequence 1, Application US/09367309A
Publication No. US20020081329A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOPTWARE: FAST-SEQ for Windows Version 4.0
SEQ ID NO 160
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Best Local (
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APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
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SOFTWARE: PatentIn Ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OP INVENTION: NUCLERIC ACIDS ENCODING
FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/09/367,309A CURRENT FILING DATE: 1999-08-11 PRIOR APPLICATION NUMBER: PCT/AU98/00080 PRIOR EILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: AU PO 5178 PRIOR FILING DATE: 1997-02-19
                                                                                                             APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OP INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
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ORGANISM: Artificial Sequence
FEATURE:
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9; Conserva
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100.0%; Pred. No. 0.77;
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Pred. No. 0.71;
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APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine

TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins

TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide

FILE REFERENCE: B45124

CURRENT FILING DATE: 2004-07-27

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: US/09/581,976

PRIOR APPLICATION NUMBER: ECT/EP98/08563

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR SEQ ID NOS: 28

SOFTWARE: FASTSEQ for Windows Version 3.0
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US-10-899-771-4
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US-10-000-903-4
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SEQ ID NO 4
LENGTH: 273
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 266
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Best Local Similarity
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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Pred. No. 0.78;
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US-10-899-771-4
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Best Local Similarity
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US-10-000-903-10
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US-10-000-903-10
CURRENT FILING DATE: 2004-07-27
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
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CURRENT APPLICATION NUMBER: US/10/000,903

CURRENT FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR APPLICATION NUMBER: GB 9717953.5

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23
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APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
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SEQ ID NO 10
LENGTH: 292
TYPE: PRT
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Best Local :
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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100.0%; Pred. No. 0.86;
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Pred. No. 0.81;
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GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Delisse, Anne-Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: CT/EP98/05285
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1999-08-22
PRIOR FILING DATE: 1997-08-22
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; LENGTH: 292
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus
; OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type
; OTHER INFORMATION: 16)
US-10-899-771-10
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Best Local Similarity
Matches 9; Conserv
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Best Local Similarity 100.0%;
Matches 9; Conservative C
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 1990-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
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ilarity 100.0%;
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Pred. No. 0.86;
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US-10-000-903-14
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                                                                                                                                                                                                                                                                                                                                  RESULT 22
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US-10-000-903-14
                                                                                                                                                                                                                                                                                                                US-10-899-771-14
FILE REFERENCE: B45124

CURRENT APPLICATION NUMBER: US/10/899,771

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: US/09/581,976

PRIOR FILING DATE: 2000-06-20

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR FILING DATE: 1998-12-18

PRIOR PILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR FILING DATE: 1997-12-24
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Best Local S
Matches 9
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                                                                                                                                                                        Sequence 14, Application US/10899771
Sequence 14, Application US20050031638A1
GENERAL INFORMATION:
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 14
LENGTH: 390
TYPE: PRT
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Best Local
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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TYPE: PRT
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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Pred. No. 1.1;
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Pred. No. 1
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RESULT 23
US-10-367-095-10
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                                                                                                                                                             ; OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-367-095-10
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PRIOR FILLING DATE: 2002-02-14
PRIOR PELLORITON NUMBER: US 60/356,118
PRIOR FILLING DATE: 2002-02-14
PRIOR PELLORITON NUMBER: US 60/356,133
PRIOR PELLORITON NUMBER: US 60/356,133
PRIOR PELLORITON NUMBER: US 60/356,157
PRIOR PELLORITON NUMBER: US 60/356,157
PRIOR PELLORITON NUMBER: US 60/356,156
PRIOR PELLORITON NUMBER: US 60/356,123
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Matches
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 14
LENGTH: 390
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APPLICANT: Robin A. Rob
TITLE OF INVENTION: No.
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                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 10
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                                                                                                  Query Match
Best Local Similarity
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CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,135
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR APPLICATION NUMBER: US 60/356,154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6E7 fusion from Human papilloma OTHER INFORMATION: virus type 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                  TYPE: PRT
                                                                                                                                                                                                                                                                    ENGTH: 536
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                                       1 AMFODPOER 9
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AMFODPOER
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Pred. No. 1.2;
                                                                                                        Score 48; DB 4; Length 536; Pred. No. 1.6;
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RESULT 24 US-10-368-046-10

Sequence 10, Application US/10368046 Publication No. US20040063188A1 GENERAL INFORMATION:

APPLICANT: Robin A. Robinson APPLICANT: Vittoria Cioce

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RESULT 25
US-10-367-367-10
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                                     PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,157
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LENGTH: 536
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TITLE OF INVENTION: Method for Isolation and Purification
TITLE OF INVENTION: Expressed Gene Products In Vitro
FILE REFERENCE: 44149-3US1
                                                                                                                                                                                                                                            FILE REFERENCE: 44149-2US1
CURRENT APPLICATION NUMBER: US/10/367,367
CURRENT FILING DATE: 2003-02-15
                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Optimization of Gene Sequences of TITLE OF INVENTION: Virus-Like Particles for Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2003-02-15
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nes 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/356,118 FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/356,161 FILING DATE: 2002-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/356,123 FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/356,157 FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/356,133 FILING DATE: 2002-02-14
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FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,156
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RESULT 27 US-10-177-390-6 ; Sequence 6, Ap

Application US/10177390

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Query Match
Best Local Similarity
Thes 9; Conserve
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US-10-918-337-10
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                                                                                                                                                      , OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-918-337-10
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                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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Best Local S
Matches 9
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NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR PILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Optimization of Gene Sequences of TITLE OF INVENTION: Chimeric Virus-Like Particles for Expression in Insect Cells
                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/356,133 PRIOR FILING DATE: 2002-02-14
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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les 9; Conserv
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milarity 100.0%;
Conservative 0;
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Pred. No.
                                                                            Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Human papillomavirus US-10-484-063-20
                                                                                                                                                                                                                                 US-10-484-063-27
                                 Sequence 27, Application US/10484063

Publication No. US20050048467A1

GENERAL INFORMATION:

APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polymuclocides by Electroporation
FILE REFERENCE: 021505wo/JH/ml
CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT APPLICATION NUMBER: US/10/177,390
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 151
TYPE: PRT
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Publication No.
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
TILE REFERENCE: UTSC:560US
CURRENT FAPPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER: OF SEQ ID NOS: 27
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CURRENT FILING DATE:
                    CURRENT APPLICATION NUMBER: US/10/484,063
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nes 8; Conserv
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100.0%; Pred. No. 2.9
7ative 0; Mismatches
2004-01-16
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Sequence 2, Application US/10118047

Publication No. US20040161832A9

GENERAL INFORMATION:
APPLICANT: CLEW, BONG HYUN
APPLICANT: LEE, EUN GYO
APPLICANT: HAHM, MOON SUN
APPLICANT: LEE, HAN SEUNG
APPLICANT: LEE, HAN SEUNG
TITLE OF INVENTION: ESTERASE, ITS DNA, ITS C
TITLE OF INVENTION: OPTICALLY ACTIVE ARYL F
TITLE OF INVENTION: SAME
FILE REFERENCE: 05823.0218-00000

CURRENT APPLICATION NUMBER: US/10/118,047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HAHM, MOON SUN
APPLICANT: RYU, YEON WOO
APPLICANT: RYU, YEON WOO
APPLICANT: LEE, HAN SEUNG
APPLICANT: LEE, HAN SEUNG
TITLE OF INVENTION: ESTERASE, ITS DNA, ITS C
TITLE OF INVENTION: SAME
FILE REFERENCE: 05823.0218.0000
CURRENT APPLICATION NUMBER: US/10/118,047
CURRENT FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-07
PRIOR FILING DATE: 2002-01-17
NUMBER OF SEQ ID NOS: 8
SOCTWARE: PATENTIN VEY: 2.1
SEQ ID NO 2
LENGTH: 32
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US-10-118-047-2
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APPLICANT: CHUNG, BONG HI
APPLICANT: LEE, EUN GYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
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PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Human papillomavirus type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Pseudomonas sp
FEATURE:
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Local Similarity 100.0%; Pred. No. 2.5;
les 8; Conservative 0; Mismatches
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77.8%;
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Pred. No. 2
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                                                                , ITS OVEREXPRESSION AND PRODUCTION ARYL PROPIONIC ACIDS AND USING THE
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2002-07-03

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CURRENT FILING DATE: 2002-07-0
PRIOR APPLICATION NUMBER: KR 20
PRIOR PILING DATE: 2002-01-17
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 32
TYPE: PRT
ORGANISM: Pseudomonas sp.
FEATURE:
                                                                                                                                                                                                                                                     RESULT 33
US-10-859-572-2
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US-11-021-949-26
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Best Local Similarity
Tatches 7; Conserv
                                                                                                                                                                                                   Sequence 2, Application US/10859572 Publication No. US20040219594A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
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APPLICANT: Chung, Bong H
APPLICANT: Lee, Eun G
APPLICANT: Lee, Eun G
APPLICANT: Hahm, Moon S
APPLICANT: Hyu, Yeon W
APPLICANT: Lee, Han S
TITLE OF INVENTION: Optically Active ARYL Propionic Acids Using the Same FILE REFERENCE: 05823.0218-01000
CURRENT FILING DATE: 2004-06-03
CURRENT FILING DATE: 2004-06-03
RRIOR APPLICATION NUMBER: 10/118,047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILLING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANIDOLES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: LU, PETER APPLICANT: GARMAN, APPLICANT: BELMARES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 151
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: BHY-1 (KCTC 0688BP)
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7; Conserva
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DIAZ-SARMIENTO, CHAMORRO SOMOZA
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77.8%;
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Pred. No.
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Pred. No. 2.8;
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RESULT 35
US-10-751-845-74
; Sequence 74, Application US/10751845
; Publication No. US20050100928A1
; GENERAL INFORMATION:
; APPLICANT: Heddley, Mary Lynne
; APPLICANT: Chicz, Roman M.
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POL
; FILE REFERENCE: 08191-013001
; CURRENT APPLICATION NUMBER: US/10/751,845
; CURRENT FILING DATE: 2004-01-05
; PRIOR APPLICATION NUMBER: US/09/664,225
; PRIOR APPLICATION NUMBER: US 60/169,846
; PRIOR FILING DATE: 1999-12-09
; PRIOR FILING DATE: 1999-09-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
APPLICANT: Chicz, Roman M.
TITLE OP INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
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Best Local Similarity
Thehes 7; Conservat
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Best Local Similarity
7; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-751-845-71
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver.
SEQ ID NO 2
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SOFTWARE: FastSEQ for Windows
                                     NUMBER OF SEQ ID NOS: 163
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77.8%;
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100.0%; Pred. No. 1.7e+06
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TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF TITLE OF INVENTION: AND METHODS OF THEIR USE FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOPTWARE: FRASUSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 25
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
US-11-021-949-1
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US-11-021-949-1
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                      Query Match
Best Local Similarity
Thes 7; Conserve
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                                                                                                                  ) OTHER INFORMATION: Clone ID: TRIAE-23APR03-C17806_1.p
US-10-739-930-9788
                                                                                                                                                                                                                                               Sequence 9788, Application US/10739930
Publication No. US20040216190A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21(53377)B
CURRENT APPLICATION UNMERR: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
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Best Local Similarity
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Best Local Similarity
Matches 7; Conserv
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APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
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TYPE: PRT
ORGANISM: Human papilloma virus
                                                                                                                                                                                             LENGTH: 405
TYPE: PRT
                                                                                                                                                       PEATURE:
                                                                                                                                                                         ORGANISM: Triticum aestivum
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                                        81.2%; Score 39; DB 5;
100.0%; Pred. No. 59;
live 0; Mismatches
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                                                                                Length 405;
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APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBOLIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
NUMBER OF SED ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
1 ENGRG. 151
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US-11-021-949-27
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US-11-021-949-14
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
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APPLICANT: GARMAN, JO
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/11021949 Publication No. US20050142541A1
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Best Local Similarity 87.5%;
Matches 7; Conservative
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                                                                            Matches
                                                                                                                     Query Match
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TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                  LENGTH: 15
TYPE: PRT
                                                                                                                                                                              ORGANISM: human papilloma virus (HPV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 149
                                                                                                  Local Similarity
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                                    2 MFQDPQER 9
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BELMARES, MICHAEL P.
DIAZ-SARMIENTO, CHAMORI
                                                                              Conservative
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                                                                                                  77.1%;
75.0%;
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                                                                              Score 37; DB
Pred. No. 50;
2; Mismatches
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RESULT 40

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RESULT 42
US-10-425-114-68828
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Best Local Similarity
"""hes 6; Conserve
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TITLE OF INVENTION: ANTIBIOTIC C-1027
FILE REFERENCE: 407T-896020US
CURRENT APPLICATION NUMBER: US/10/159,257A
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/478,184
PRIOR FILING DATE: 1909-01-06
NUMBER OF SEQ ID NOS: 207
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Sequence 181, Application US/10159257A
Publication No. US20040161828A1
GENERAL INFORMATION:
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FILE REFERENCE: 407T-896020VS
CURRENT APPLICATION NUMBER: US/10/159,257A
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR FILING DATE: 2000-01-05
PRIOR PILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/115,434
PRIOR PILING DATE: 1999-01-06
NUMBER OF SEQ ID NOS: 207
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Best Local S
Matches 6
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SEQ ID NO 181
LENGTH: 521
TYPE: PRT
ORGANISM: Streptomyces globisporus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 149
LENGTH: 521
TYPE: PRT
ORGANISM: Streptomyces globisporus
3-10-159-257A-149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHEN, BEN
APPLICANT: LIU, WEN
APPLICANT: CHRISTENSON, STEVEN D.
APPLICANT: STANDAGE, SCOTT
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APPLICANT: LIU, WEN
APPLICANT: CHRISTENSON, STEVEN D.
APPLICANT: STANDAGE, SCOTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
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OTHER INFORMATION: orf2
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                                                                               MFEDPKER 140
                                                                                                                                                                Conservative
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75.0%;
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Pred. No. 1.8e+02;
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TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILLING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 68828
TYPE: PRT
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US-10-425-115-341903
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US-10-425-115-330168
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APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(51222)B
FILE REFERENCE: 38-21(51222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 330168
LENGTH: 354
TYDE: DRT
GENERAL INFORMATION:
APPLICANT: LAR ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
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Publication No. US20040034888A1
GENERAL INFORMATION:
                                                                                               Sequence 341903, Application US/10425115
Publication No. US20040214272A1
                                                                                                                                                                                                                                                                                     Best Local Similarity 85.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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85.7%;
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OTHER INFORMATION: Clone ID: MRT4577_74983C.1.pep US-10-425-115-341903
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US-10-282-122A-68570
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Best Local Similarity
Watches 6; Conservi
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                                                                   SOPTWARE: PatentIn version 3.1
SEQ ID NO 68570
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ORGANISM: Proteus mirabilis
-10-282-122A-68570
                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: 60/191,078 PRIOR FILING DATE: 2000-03-21 PRIOR APPLICATION NUMBER: 60/206,848 PRIOR FILING DATE: 2000-05-23 PRIOR APPLICATION NUMBER: 60/207,727 PRIOR APPLICATION NUMBER: 60/207,727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: BLITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 78614
                                                                                                                                            PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Identification of Essential Genes
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ORGANISM: Zea mays
FEATURE:
                                                      LENGTH: 1144
                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                               APPLICATION NUMBER: 60/267,636
                                                                                                                                                                                                                APPLICATION NUMBER: 60/257,931 FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/253,625
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/242,578
                                                                                                                                                                                                                                                                                                                          FILING DATE:
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Malone, Cheryl
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Zyskind, Judith
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Pred. No.
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PRIOR FILING DATE: 2000-02-04
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-10-04
PRIOR PRILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
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Matches 6
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APPLICANT: Penn, Sharron G.
APPLICANT: Penk. David R.
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Patent No. US20020048763A1
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CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE:
OTHER INFORMATION: MAP TO ACO10363.3
OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 0.7
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL =
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL =
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL =
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL =
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.87
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.77
                                                                                                                                                                                            LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                 RIOR APPLICATION NUMBER: US 09/774,203
                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 09/608,408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     291 LEPDPOER 298
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6; Conserv
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Hanzel, David K.
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Pred. No. 9.8e
1; Mismatches
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APPLICANT: YOShitake NISHIMUNE
APPLICANT: Hiromitsu TANAKA
APPLICANT: Hiromitsu TANAKA
APPLICANT: Masami NOZAKI
TITLE OF INVENTION: Mouse spermatogenesis genes, mutations of male infertility-relate
TITLE OF INVENTION: Mouse spermatogenesis genes, mutations of male infertility-relate
TITLE OF INVENTION: Mouse spermatogenesis genes, mutations of male infertility-relate
TITLE OF INVENTION: Mouses thereof.
FILE REFERENCE: 2004-1256A/MMC/00653
CURRENT APPLICATION NUMBER: US/10/504,582
CURRENT APPLICATION NUMBER: J2002-36649
PRIOR APPLICATION NUMBER: J2002-36649
PRIOR APPLICATION NUMBER: J2002-381241
PRIOR APPLICATION NUMBER: J2002-381241
PRIOR FILING DATE: 2002-12-27
NUMBER OF SEQ ID NOS: 183
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 119
LENGTH: 137
TYPE: PRT
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                                            ; OTHER INFORMATION: Clone ID: US-10-425-115-203539
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US-10-425-115-203539
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                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21 (53222)B.
                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 203539
LENGTH: 204
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Best Local Similarity 85.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 203539, Application US/10425115 Publication No. US20040214272A1
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Query Match
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                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                           NAME/KEY: unsure
LOCATION: (1)..(204)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                  FEATURE:
                                                                                           FEATURE:
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nes 5; Conservative
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44 AVPQDPQ 50
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Pred. No.
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Pred. No. 34;
  Score 34;
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DB 4; Length 204;
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RESULT 50
US-10-087-192-867
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US-09-815-453-8
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                                                                                                                           ; ORGANISM: Mus musculus US-10-087-192-867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: AU PQ7732
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 8
                                                                                                                                                                 NUMBER OF SEQ ID NOS: 2059
SOPTWARE: FRANKSEQ for Windows Version 4.0
SEQ ID NO 867
LENGTH: 484
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 867, Application US/10087192
Publication No. US20020182586A1
GENERAL INFORMATION:
APPLICANT: Morris, David W.
APPLICANT: Engelhard, Eric K.
APPLICANT: Engelhard, Eric K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/09815453
Publication No. US20030166519A1
GENERAL INFORMATION:
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                                            Best Local Similarity
Matches 6; Conserv
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                                                                                    Query Match
                                                                                                                                                                                                                                                                TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: CANCER FILE REFERENCE: 529452000122
CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR PILING DATE: 2001-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Huynh, The Hung
TITLE OF INVENTION: NO. US20030166519A1el Polynucleotides and Polypeptides
TITLE OF INVENTION: and Uses Therefor
FILE REFERENCE: 32061000000
CURRENT APPLICATION NUMBER: US/09/815,453
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: AU PQ9470
PRIOR PILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: GB 0012820.7
PRIOR APPLICATION NUMBER: GB 0012820.7
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-05-25
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TYPE: PRT
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Local Similarity 85.7%;
les 6; Conservative
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    1 AMFQDPQ 7
                                              Conservative
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85.7%;
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1; Mismatches 1
                                                                 Score 34; DB 4;
Pred. No. 6.2e+02;
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                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3; Length 456;
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                                                  Indels
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Perfect score:
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Maximum Match 100%
Listing first 1000
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score greater than
and is derived by a
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seq length: 200000000
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| SIDSS/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
| SIDSS/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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| SIDSS/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
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| SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
| SIDSS/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
| SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
| SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
| SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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48
1 AMFQDPQER 9
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Match
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Gapop 10.0 , Gapext 0.5
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46.285 Million cell updates/sec
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 235405 segs, 46284737 residues
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Copyright (c) 1993 - 2006
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 1 US-11-206-138-3

1 US-11-120-233A-2

1 US-11-192-923A-2

1 US-10-530-061-483

US-10-530-253-1

US-10-530-253-3

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961 25 52.1 444 11 UI 962 25 52.1 451 11 UI 963 25 52.1 451 11 UI 964 25 52.1 453 11 UI 965 25 52.1 457 11 UI 966 25 52.1 462 11 UI 967 25 52.1 462 11 UI 969 25 52.1 462 11 UI 970 25 52.1 462 11 UI 970 25 52.1 462 11 UI	955 25 52.1 438 11 U 956 25 52.1 438 11 U 957 25 52.1 438 11 U 958 25 52.1 438 11 U 959 25 52.1 438 11 U 959 25 52.1 438 11 U 960 25 52.1 438 9 U 961 25 52.1 442 9 U	948 25 52.1 434 11 US 949 25 52.1 436 11 US 950 25 52.1 437 11 US 951 25 52.1 438 11 US 952 25 52.1 438 11 US 953 25 52.1 438 11 US 954 757 52.1 438 11 US	939 25 52.1 432 11 US 940 25 52.1 432 11 US 941 25 52.1 432 11 US 942 25 52.1 432 11 US 943 25 52.1 432 11 US 944 25 52.1 432 11 US 945 25 52.1 433 11 US 946 25 52.1 433 11 US 947 25 52.1 434 11 US	926 25 52.1 429 11 US 927 25 52.1 429 11 US 928 25 52.1 429 11 US 929 25 52.1 430 11 US 930 25 52.1 430 11 US 931 25 52.1 430 11 US 932 25 52.1 430 11 US 933 25 52.1 430 11 US 934 25 52.1 430 11 US 935 25 52.1 431 11 US 936 25 52.1 432 11 US 937 25 52.1 432 11 US 938 25 52.1 432 11 US 938 25 52.1 432 11 US 939 52 52.1 432 11 US 930 52.1 432 11 US	910 25 52.1 412 11 US-11-096-568A-1190 911 25 52.1 418 11 US-11-096-568A-1190 912 25 52.1 418 11 US-11-096-568A-1190 913 25 52.1 428 11 US-11-098-666-10798 914 25 52.1 423 11 US-11-087-099-8298 916 25 52.1 426 11 US-11-087-099-1396 917 25 52.1 426 11 US-11-087-099-1196 918 25 52.1 428 11 US-11-087-099-511 919 25 52.1 428 11 US-11-087-099-512 920 25 52.1 428 11 US-11-087-099-6166 921 25 52.1 428 11 US-11-087-099-6765 922 25 52.1 428 11 US-11-087-099-6765 923 25 52.1 428 11 US-11-087-099-6765 924 25 52.1 428 11 US-11-087-099-6765 925 25.1 428 11 US-11-087-099-6765 926 25 52.1 428 11 US-11-087-099-1330	898 25 52.1 397 11 US 899 25 52.1 398 11 US 900 25 52.1 400 11 US 901 25 52.1 402 11 US 902 25 52.1 402 11 US 903 25 52.1 402 11 US 904 25 52.1 405 9 US 905 25 52.1 409 11 US 906 25 52.1 409 11 US 907 25 52.1 411 11 US 908 25 52.1 411 11 US

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APPLICANT: SUINEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SUTTE, ALESSANDO
TITLE OF INVENTION: HLA BUNDING PEPTIDES AND THEIR USE.
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
SOFTWARE: Patentin version 3.3
SSO ID NO 481
LENGTH: 11
TYPE: PRT
RESULT 2
US-10-530-061-482
; Sequence 482, Application US/10530061
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                                                                                                                                                                 ; ORGANISM: Human papillomavirus US-10-530-061-481
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                                                                                                             Query Match
Best Local Similarity
Matches 9; Conserv
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                                                                 AMFODPOER 11
                                                                                                            ilarity 100.0%; Score 48; DB 9; 100.0%; Pred. No. 0.00091; Conservative 0; Mismarchec 7
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US-11-087-099-398
US-11-074-176-130
US-11-188-298-18885
US-11-072-512-323
US-11-087-099-6629
US-11-087-099-6629
US-11-087-099-12046
US-11-087-099-12046
US-11-087-099-12046
US-11-087-099-12046
US-11-188-298-16362
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US-11-087-099-8625

1 US-11-188-298-19025

1 US-11-208-303-1

1 US-11-126-313-24
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US-11-188-298-21184

US-11-074-176-338

US-11-188-298-1021

US-11-188-298-1021

US-11-264-728-2
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US-11-087-099-8665
US-11-188-298-19056
US-11-188-298-14612
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                                                                                                                                        Length 11;
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Sequence 318, Ap
Sequence 318, App
Sequence 1021, Ap
Sequence 2, Appli
Sequence 861, Appli
Sequence 19025, Ap
Sequence 1, Appli
Sequence 1, Appli
Sequence 1364, Ap
Sequence 1364, Ap
Sequence 130, App
Sequence 1004, Ap
Sequence 2109, Ap
Sequence 2109, Ap
Sequence 1046, A
Sequence 1794, Ap
Sequence 1365, A
Sequence 1365, Ap
Sequence 1365, Ap
Sequence 233, App
Sequence 2957, Ap
Sequence 2957, Ap
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Sequence 8665, Ap
Sequence 19056, A
Sequence 14612, A
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     RESULT 4
US-11-206-138-3
[Sequence 3, Application US/11206138
; bublication No. US20060039919A1
; GENERAL INFORMATION:
; APPLICANT: HealthBanks Biotech CO. LTD.
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Sequence 1702. Application US/10530061
Sequence 1702. Application US/10530061
Publication No. US20060079453A1
GENERAL INFORMATION:
APPLICANT: SIDNBY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SOUTHWOOD, SCOTT
CITLE OF INVENTION: HLA SHADING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
NUMBER OF SEG ID NOS: 2503
SOFTWARE: PatentIn version 3.3
SOFTWARE: PatentIn version 3.3
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Best Local Similarity
watches 9; Conserve
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US-10-530-061-1702
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CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-09
PRIOR FILING DATE: 2002-10-09
PRIOR FILING DATE: 2002-10-09
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GENERAL INFORMATION:
                                                                                                                      Query Match
Best Local (
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APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
                                                                                                                                                                                                                                             LENGTH: 15
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Human papillomavirus
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                                                                                               Similarity 9; Conserv
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AMFQDPQER
                                                                                               100.0%; Score 48; DB 9; ilarity 100.0%; Pred. No. 0.0013; Conservative 0; Mismatches 0
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                                                                                                                                                DB 9; Length 15;
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GENERAL INFORMATION:

APPLICANT: SIDNEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SCUTTHWOOD, SCOTT
APPLICANT: SCUTTHWOOD, SCOTT
APPLICANT: SCUTTHWOOD, SCOTT
APPLICANT: SCUTTHWOOD, SCOTT
CURRENT INFORMATION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
SOFTWARE: Patentin version 3.3
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; CURRENT APPLICATION NUMBER: US/11/206,138
; CURRENT FILING DATE: 2005-08-18
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
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US-11-192-923A-2
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Best Local Similarity
Thes 9; Conserve
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; ORGANISM: Human papillomavirus
US-11-192-923A-2
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Publication No. US20060018928A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PANG, XIAOWU
TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
FILE REFERENCE: 116620-003
CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
CURRENT FILING DATE: 2005-07-29
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LENGTH: 2
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Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn Ver. 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: CN 03115272.4 PRIOR FILING DATE: 2003-01-30
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Pred. No. 0.015;
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Pred. No. 0.025;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-530-253-13
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; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 151
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 483
LENGTH: 11
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 8; Conserv
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                                                                                    SEQ ID NO 1
                                                                                               APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-10-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER: OF SEQ ID NOS: 65
NUMBER: OF SEQ ID NOS: 65
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Pred. No. 0.092;
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                                                                           ; TYPE: PRT ; ORGANISM: Human US-10-530-253-5
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Best Local S
Matches 8
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Best Local S
Matches 8
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Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
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SEQ ID NO 3
LENCTH: 248
TYPE: PRT
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Publication No. US20060014926A1
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APPLICANT: Cassetti, Maria C.
                                                                                                                                                       SEQ ID NO 5
 Matches
                                       Query Match
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APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-0-04
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PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
                                                                                                                                   LENGTH: 248
 Local Similarity hes 8; Conserv
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les 8; Conserv
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8; Conservative
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91.7%; Score 44; DB 9; Length 248; ilarity 100.0%; Pred. No. 0.15; Conservative 0; Mismatches 0; Indels
                                                                                             papillomavirus type
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100.0%; Pred. No.
ative 0; Mismatc
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100.0%; Pred. No. 0.
ative 0; Mismatches
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                                                                                                   16
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Sequence 9, Application US/10530253

Publication No. US20060014926A1

GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
FILE OF INVENTION. HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: DCT/US2003/031726
PRIOR APPLICATION NUMBER: DCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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                                                           Query Match
Best Local Similarity
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US-10-530-253-7
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Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: 2003-10-02
PRIOR PRIOR DATE: 2003-10-02
                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1 SEQ ID NO 9
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TYPE: PRT
ORGANISM: Human papillomavirus type
                                                                                                                                                                       TYPE: PRT ORGANISM: Human papillomavirus type 16
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99 FODPQER 105
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                                      FODPOER 9
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100.0%; Pred. No. 1.6;
1tive 0; Mismatches
                                                                                                   100.0%;
                                                                                                   81.2%; Score 39; DB 9; 100.0%; Pred. No. 1.6;
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                                                                                Mismatches
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RESULT 13
US-10-530-253-11
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RESULT 15
US-11-079-463-7932
; Sequence 7932, Application US/11079463
; Publication No. US20060073161A1
; GENERAL INFORMATION:
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SEQ ID NO 11
LENGTH: 248
TYPE: PRT
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Best Local
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SEQ ID NO 18
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: NCT/US2003/031726
PRIOR APPLICATION NUMBER: US/60/415,929
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APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Puller
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PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
CURRENT FILING DATE: 2005-04-04
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NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 149
                                                                                                                                                                                                               79.2%;
Local Similarity 87.5%;
les 7; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99 FODPOER 105
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Pred. No. 1.5;
0; Mismatches
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Pred. No.
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Sequence 18478, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Cor
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A

CURRENT FILING DATE: 2005-04-01

NUMBER OF SEQ ID NOS: 34471

SEQ ID NO 18478
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, NAME/KEY: misc feature
, LOCATION: (1)...(144)
, OTHER INFORMATION: Ceres Seq. ID
US-11-096-568A-18478
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US-11-096-568A-18478
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; Sequence 26, Application US/10530253

; Publication No. US20060014926A1
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SEQ ID NO 7932
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CURRENT FILING DATE: 2005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRATITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: PATH00-03DIV2
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gary L. Breton
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TYPE: PRT
ORGANISM: B.fragilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Zea mays subsp. mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 144
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                                                                                                                                                                                                                                                                                                                                                                                 122 LWÓDPQEQ 129
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                                                                                                                                                                                                                                                                                                                                                                                                                          2 MFQDPQER 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.7%;
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55.6%;
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Pred. No. 15;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   no. 12365374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24;
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; PRIOR FILING DATE: 2002-10-03; NUMBER OF SEQ ID NOS: 65; SOFTWARE: PATENTIN VERSION 3.1; SEQ ID NO 26; LENGTH: 158; TYPE: PRT; ORGANISM: Human papillomavirus type 68 US-10-530-253-26
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US-11-188-298-16639
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                                      US-11-188-298-16639
                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16639
LENGTH: 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT PELLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 18476
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                         Sequence 16639, Application US/11188298 Publication No. US20060075522A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18476, Application US/11096568A Publication No. US20060048240A1
Query Match
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                                                                                                                                                                                                                                                                                          APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: misc feature
LOCATION: (1). (167)
OTHER INFORMATION: Ceres Seq. ID no. 12365372
                                                  FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(288)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Zea mays subsp. mays
                                                                                                                               ORGANISM: Glycine max
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62.5%;
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   66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
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Pred. No.
 Score 32;
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   DB 11;
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 Length 288;
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C21
CURRENT APPLICATION UNMBER: US/11/301,554
CURRENT FILING DATE: 2005-12-13
PRIOR FILING DATE: 2002-10-28
PRIOR FILING DATE: 2002-10-28
PRIOR FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: US 10/13,872
PRIOR FILING DATE: 2002-03-28
PRIOR FILING DATE: 2001-05-03
PRIOR FILING DATE: 2001-07-04
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 09/902,941
PRIOR FILING DATE: 2001-05-03
PRIOR FILING DATE: 2001-05-03
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Best Local Similarity
Watches 5; Conserve
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-505-928-327
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SEQ ID NO 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 75.0%; Matches 6; Conservative
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CURRENT APPLICATION NUMBER: US/10/505,928
CURRENT FILING DATE: 2004-08-27
PRIOR APPLICATION NUMBER: US 60/363,019
PRIOR PILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 866
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICATION NUMBER: US 09/736,457 FILING DATE: 2000-12-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
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Bangur, Chaitanya S.
McNabb, Andria
                                                                                                                                                                                                                                                                                                                                                                                                                        Carter,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Johnson,
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                                                                                                                                                                                                                                                                                                                                                                                                     Fanger, Gary R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Marc W.
                                                                                                                                                                                                                                                                                                                                                                                                                          Darrick
                                                                                                                                                                                                                                                                                                                                                                                                                                             Margarita
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yoshihiro
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Pred. No. 56;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No.
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; Sequence 13197, Application US/11188298
; Publication No. US20060075522A1
; GENERAL INFORMATION;
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
; CURRENT APPLICATION NUMBER: US/11/188,298
; CURRENT FILING DATE: 2005-07-22
; PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
; NUMBER OF SEQ ID NOS: 22569
; SEQ ID NO 13197
; LENGTH: 329
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US-11-188-298-13197
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US-10-821-234-1163
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US-11-188-298-13197
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NUMBER OF SEQ ID NOS: 2157
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1816
LENGTH: 325
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SOFTWARE: pt SEQ_genes Version 1.0
SEQ ID NO 1163
LENGTH: 399
                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Andarmani, Susan
                                                                                                                                                                                                                                                                                                               Sequence 1163, Application US/10821234 Publication No. US20050255114A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity Matches 5; Conserv
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PRIOR APPLICATION NUMBER: US 09/677,419
PRIOR PILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: US 09/671,325
PRIOR PILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US 09/658,824
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                   APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
                                                                                                                                                                    FILE REFERENCE: 821A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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62.5%;
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Pred. No.
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Mismatches
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RESULT 24
US-11-096-568A-32147
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NAME/KEY: misc feature
LOCATION: (1)...(1372)
OTHER INFORMATION: Ceres Seq.
US-11-096-568A-32146
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US-11-096-568A-32146
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Publication No. US20060048240A1
GENERAL INFORMATION: US20060048240A1
GENERAL INFORMATION: Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 32147
SEQ ID NO 32147
                                                                                                                                                                                                                                                                                                                   Sequence 32146, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 32146
LENGTH: 1372
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Best Local Similarity
Matches 5; Conserv
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Best Local
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
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LOCATION: (1)..(1341)
OTHER INFORMATION: Ceres Seq. ID
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TYPE: PRT
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   1 AMFQDPQE 8
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                                                    Similarity
                                   Conservative
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Pred. No.
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                                    Score 32; DB 11;
Pred. No. 2.5e+02;
2; Mismatches 1
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1116 AFFEDPEE 1123

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RESULT 28
US-11-096-568A-18941
; Sequence 18941, Application US/11096568A
                                                                                                                                                                                                                                                                         ; ORGANISM: Human papillomavirus ; PEATURE; PEATURE; ; NAME/KEY: MISC_FEATURE ; LOCATION: (1)...(152) ; OTHER INFORMATION: where Xaa is any amino acid US-10-530-253-39
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US-11-096-568A-32145
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APPLICANT: Sugan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 39
LENGTH: 152
TABLE OF SEC ID NOS: 65
LENGTH: 152
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Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
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LENGTH: 1393
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (1)..(1393)
OTHER INFORMATION: Ceres Seq. ID no. 13592290
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                                                                                                                                                                                                              64.6%;
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                                                                                                                                                                                                              Score 31; DB
Pred. No. 40;
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Pred. No. 2.6e+02;
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RESULT 29
US-10-491-468-5
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                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/328,944
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 60/345,384
PRIOR FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/343,880
PRIOR APPLICATION NUMBER: US 60/343,480
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: INCOMPATION:
APPLICANT: INCYTE CORPORATION; TANG, Y. Tom;
APPLICANT: PORSYTHE, Ian J.; EMERLING, Brooke M.;
APPLICANT: HAFALIA, April J.A.; YUE, Henry;
APPLICANT: XU, Yuming; GIETZEN, Kimberly J.;
APPLICANT: CHAWLA, Narinder K.; BAUGHN, Mariah R.;
APPLICANT: MARQUIS, Joseph P.; BECHA, Shanya D.;
APPLICANT: KABLE, Amy E.; LAL, Preeti G.;
APPLICANT: RICHARDSON, Thomas W.; LEE, SOO Y.;
APPLICANT: RICHARDSON, Thomas W.; LEE, SOO Y.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: ALEXANDROV, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
                                                                                 SOFTWARE: PERL Program
SEQ ID NO 5
LENGTH: 447
TYPE: PRT
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CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 18941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/10491468 publication No. US20060051836A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT FILE REFERENCE: PF-1232 USN
CURRENT APPLICATION NUMBER: US/10/491,468
CURRENT FILING DATE: 2004-03-31
PRIOR APPLICATION NUMBER: PCT/US02/32852
PRIOR APPLICATION NUMBER: PCT/US02/32852
PRIOR FILING DATE: 2002-10-10
PRIOR FILING DATE: 2002-10-10
                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 96
                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/332,430 PRIOR FILING DATE: 2001-11-16
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NAME/KEY: misc_feature
LOCATION: (1)..(445)
OTHER INFORMATION: Ceres Seq. ID no. 12367925
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ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc_feature
                                                      ORGANISM: Homo sapiens
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Local Similarity 55.6%;
les 5; Conservativo
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WARREN, Bridget A.; LU, Dyung Aina M.;
GURURAJAN, Rajagopal; SPRAGUE, William W.;
BLAKE, Julie J.; THANGAVELU, Kavitha;
SWARNAKAR, Anita; GORVAD, Ann E.;
GRIFFIN, Jennifer A.; LINDQUIST, Erika A.;
ELLIOTT, Vicki S.; ISON, Craig H.;
RAMKUMAR, Jayalaxmi
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Pred. No. 1.2e+02;
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US-11-096-568A-18939
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                               S
                                                                                                                                          NAME/KEY: misc_feature; LOCATION: (1)..(486)
COTHER INFORMATION: Ceres Seq. ID no. 12367923
US-11-096-568A-18939
                                                                                                                                                                                                                                                                          Sequence 1939, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
PILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 18939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 18940
LENGTH: 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 18940, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
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Best Local Similarity 55.6%;
Matches 5; Conservative
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Matches 5; Conserv
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                                                                      Matches
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LOCATION: (1) (470)
OTHER INFORMATION: Ceres Seq. ID no. 12367924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Zea mays subsp. mays
                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Zea mays subsp.
                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                    LENGTH: 486
                                                                  Local Similarity
les 5; Conserv
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                                   1 AMFQDPQER 9
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   AVFEEPAER 193
                                                                      Conservative
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                                                                                      64.68;
55.68;
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Pred. No. 1.
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                                                                                      Score 31; DB 11;
Pred. No. 1.4e+02;
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                                                                        Mismatches
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                                                                                                         Length 486;
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Best Local Similarity
Whiches 5; Conserve
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US-10-530-253-17
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                                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Smith, Larry

APPLICANT: Smith, Larry

APPLICANT: Susan P. McElhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 0639/100M137-US2

FURRENT APPLICATION NUMBER: US/10/530,253

CURRENT FILING DATE: 2003-10-02

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR FILLING DATE: 2003-10-02

PRIOR FILLING DATE: 2003-10-03

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.1 SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100M137-US2
CURRENT ETLING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
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                                                                                                                                                                                                                           SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24, Application US/10530253 Publication No. US20060014926A1
                                                                         Matches
                                                                                           Best Local
                                                                                                         Query Match
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TYPE: PRT
                                                                                                                                                              TYPE: PRT ORGANISM: Human papillomavirus type
                                                                                                                                                                                                      LENGTH: 149
                                     2 MFQDPQER 9
                                                                                           Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MFODPOER 9
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                                                                                           62.5%;
                                                                       Score 30; DB 9;
Pred. No. 63;
2; Mismatches
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Pred. No.
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63;
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; Sequence 20, Application US/10530253 ; Publication No. US20060014926A1

RESULT 34 US-10-530-253-20

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; TYPE: PRT
; ORGANISM: Human papillomavirus type 59
US-10-530-253-25
                                                                                                                                              US-10-499-246-17
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                                                           Sequence 17, Application US/10499246
Publication No. US20060053512A1
GENERAL INFORMATION:
APPLICANT: Bao, Xiaoming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 25, App
Publication No.
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LENGTH: 158
TYPE: PRT
ORGANISM: Human papillomavirus type
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Matches 5; Conserv
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CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
NUMBER OF SEO ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Jeffrey K. Fullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPPLICAMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry APPLICANT: Jeffrey K. Pullen
APPLICANT: Ohlrogge, John B.
APPLICANT: Pollard, Michael R.
TITLE OF INVENTION: Plant Cyclopropane Fatty Acid Synthase Genes, Proteins, and Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
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nes 5; Conserv
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                                                                                                                                                                                                                                                                                                      Conservative
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55.6%;
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55.6%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                         Score 30; DB
Pred. No. 67;
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RESULT 37
US-10-499-246-18
(Sequence 18, Application US/10499246
(Publication No. US20060053512A1
(GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bol, Xiaoming
APPLICANT: Ohlrogge, John B.
APPLICANT: Pollard, Michael R.
TITLE OF INVENTION: Thereof
TITLE OF INVENTION: Thereof
FILE OF INVENTION: Thereof
CURRENT APPLICATION NUMBER: US/10/499,246
(CURRENT APPLICATION NUMBER: US/10/499,246
(CURRENT FILING DATE: 2004-06-17
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Slesarev, Alexi I
APPLICANT: Mezhevaya, Katja V
APPLICANT: Polushin, Nikolai
APPLICANT: Shcherbinina, Olga
APPLICANT: Shcherbinina, Vera V
APPLICANT: Shakhova, Vera V
APPLICANT: Malykh, Andrei G
APPLICANT: Malykh, Andrei G
APPLICANT: Kozyavkin, Sergei
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CURRENT FILING DATE: 2004-06-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.3
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.3 SEQ ID NO 18
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Publication No. US20060068386A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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CURRENT FILING DATE: 2004-08-31
PRIOR APPLICATION NUMBER: PCT/US03/06664
PRIOR FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: 60/361,742
PRIOR FILING DATE: 2002-03-04
                                                                                     TITLE OF INVENTION: The Complete Genome and Protein Sequences of the Hyperthermophile TITLE OF INVENTION: Methanopyrus Kandleri AV19 and Monophyly of Archael Methanogens TITLE OF INVENTION: and Methods of Use Thereof FILE REFERENCE: FID001
CURRENT APPLICATION NUMBER: US/10/506,454
CURRENT FILING DATE: 2004-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 301
TYPE: PRT
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Poluahin, Nikolai N
Shcherbinina, Olga V
Shakhova, Vera V
Malykh, Andrei G
Kozyavkin, Sergei A
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83.3%; Pred. No. 1.3e+02;
tive 1; Mismatches 0
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APPLICANT: Pompejus, Markus
APPLICANT: Kroger, Burkhard
APPLICANT: Schroder, Hartwig
APPLICANT: Schroder, Gregor
APPLICANT: Schroder, Gregor
TITLE OF INVENTION: CORNBEACTERIUM GLUTAMICUM GENES ENCODII
TITLE OF INVENTION: TRANSPORT
FILE OF INVENTION: TRANSPORT
FILE REFERENCE: BGI-131CPCN
CURRENT APPLICATION NUMBER: US/11/082,389
CURRENT FILING DATE: 2005-03-16
PRIOR APPLICATION NUMBER: US 60/141031
PRIOR APPLICATION NUMBER: US 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 60/143262
PRIOR APPLICATION NUMBER: US 60/143267
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US-10-793-626-3238
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Best Local Similarity
"---hes 6; Conserve
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GENERAL INFORMATION:

APPLICANT: KIMMERLY, WILLIAM JOHN

APPLICANT: KIMMERLY, WILLIAM JOHN

ITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS

FILE REFERENCE: PU3480US

CURRENT APPLICATION NUMBER: US/10/793,626

CURRENT FILING DATE: 2004-03-04

PRIOR APPLICATION NUMBER: 60/164,258

PRIOR FILING DATE: 1999-11-09

NUMBER OF SEQ ID NOS: 4472

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3238

LENGTH: 326

TYPE: PRT
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1478
LENCTH: 309
TYPE: PRT
ORGANISM: Methanopyrus kandleri
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: amino acid sequence
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Pred. No. 1.3e+02;
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Pred. No. 1.4e+02;
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US-11-096-568A-29694
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PRIOR FILING DATE: 1999-08-31

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 446

SEQ ID NO 132

FORCE TO THE PRIOR OF SEQ ID NOS: 446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 29694, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:

APPLICANT: Alexandrov, Nickolai et al.

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides

TITLE OF INVENTION: Therby

FILE REFERENCE: 2750-1592FUS2

CURRENT APPLICATION NUMBER: US/11/096,568A

CURRENT FILING DATE: 2005-04-01
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
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SEQ ID NO 29694
LENGTH: 367
TYPE: PRT
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Best Local
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PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19932134.5
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TYPE: PRT
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PRIOR FILING DATE: 1999-07-01
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LOCATION: (1)..(367)
OTHER INFORMATION: Ceres Seq. ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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Local Similarity 83.3%;
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Pred. No. 1.6e+02;
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Pred. No.
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US-11-082-389-130
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Best Local Similarity
Varches 5; Conserve
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 29592
LENGMI: 416
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Publication No. US20060048240A1

GENERAL INFORMATION:

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides

TITLE OF INVENTION: Therby
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                                                                                                                               APPLICANT: Haberhauer, Gregor
TITLE OF INVENTION: CONYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
TITLE OF INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE
TITLE OF INVENTION: TRANSPORT
FILLE REFERENCE: BGI-131CPCN
CURRENT APPLICATION NUMBER: US/11/082,389
CURRENT FILING DATE: 2005-03-16
PRIOR APPLICATION NUMBER: US 09/603024
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 60/143262
PRIOR FILING DATE: 1999-07-09
PRIOR PILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: US 60/151281
                                                                                                                                                                                                                                                               APPLICANT: Pompejus, Markus
APPLICANT: Kroger, Burkhard
APPLICANT: Schroder, Hartwig
APPLICANT: Zelder, Oskar
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TYPE: PRT
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NAME/KEY: misc_feature
LOCATION: (1)..(380)
OTHER INFORMATION: Ceres Seq. ID
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LOCATION: (1)...(416)
OTHER INFORMATION: Ceres Seq. ID
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nes 5; Conserv
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Pred. No.
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Pred. No. 1.8e+02;
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1.7e+02;
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RESULT 46
US-11-079-463-6591
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US-11-188-298-16827
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PRIOR FILING DATE: 1999-08-31
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 446
SEQ ID NO 130
LENGTH: 479
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16827
LENGTH: 510
TYPE: PRT
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Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
                                                                                                                                                                                                                                Sequence 6591, Application US/11079463
Publication No. US20060073161A1
GENERAL INFORMATION:
APPLICANT: Gary L. Breton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT TILING DATE: 2005-07-22
PRIOR ADDITORMENT: 2005-07-22
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES ITITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: PATHO0-03DIV2 CURRENT APPLICATION NUMBER: US/11/079,463 CURRENT FILING DATE: 2005-03-14 PRIOR APPLICATION NUMBER: US 60/128,705 PRIOR TILING DATE: 1999-04-09 PRIOR APPLICATION NUMBER: US 09/540,209 PRIOR APPLICATION NUMBER: US 09/540,209 PRIOR APPLICATION NUMBER: US 09/540,209 PRIOR FILING DATE: 2000-04-04 NUMBER OF SEQ ID NOS: 10444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: DE 19931550.7
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19932134.5
PRIOR FILING DATE: 1999-07-09
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Local Similarity 83.3%;
es 5; Conservative
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Pred. No. 2.1e+02;
1; Mismatches 0
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Sequence 20601, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
ITILE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21 (53452)B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT FILING DATE: 2005-07-22

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 30/592,978

PRIOR APPLICATION NUMBER: 50/592,978

PRIOR APPLICATION NUMBER: 2005-07-31

NUMBER OF SEQ ID NOS: 22569

SEQ ID NO 20601

LENGTH: 543

TYPE: DDT
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US-11-188-298-20601
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RESULT 49
US-11-087-099-2496
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; ORGANISM: Hypocrea jecorina
US-11-188-298-22276
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Best Local Similarity 85..
""" hes 6; Conservative
                                                                                                                                                                                                                                                                                                                        Sequence 22276, Application US/11188298

Sequence 22276, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:

APPLICATI: Abad, Mark S. et al.

TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21 (53452) B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT APPLICATION NUMBER: 00/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR FILING DATE: 2004-07-31
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SEQ ID NO 22276
LENGTH: 548
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Best Local :
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TYPE: PRT
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nes 5; Conserv
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                                                                      488 AMFEDP 493
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5; Conserv
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83.3%;
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
1; Mismatches 0
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US-11-087-099-11892; Sequence 11892, Application US/11087099; Publication No. US20060041961A1
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; OTHER INFORMATION: unsure at all Xaa locations
US-11-087-099-11892
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Search completed: May
Job time : 10 secs
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APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT FILING DATE: 2005-03-22
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 2496
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                                                                                                                                                                                                                                                                                                  SEQ ID NO 11892
LENGTH: 648
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Best Local (
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                                                                                                                             Matches
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LOCATION: (1)..(601)
OTHER INFORMATION: unsure at all Xaa locations
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
NAME/KEY: unsure
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                                                                                            1 AMFODPOER 9
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Pred. No.
                                                                                                                                Mismatches
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, 2.7e+02;
, 2.3
                                                                                                                                             DB 11;
2.9e+02;
                                                                                                                                                          Length 648;
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Maximum
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Maximum
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Perfect score:
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48
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Match
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Gapop 10.0 , Gapext 0.
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1: /cgn2_6/ptodatta/1/iaa/5_COMB.pep:*

2: /cgn2_6/ptodatta/1/iaa/6_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/H_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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   Listing
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Copyright (c) 1993 - 2006 Biocceleration Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           the number of results predicted by chance to have a than or equal to the score of the result being printed. I by analysis of the total score distribution.
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TELEX: 200154
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COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,547
EILING DATE: 22-JAN-1997
CLASSIFICATION ES14
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
ELING DATE:
FILING DATE:
FILING DATE:
FILING DATE:
FILING DATE:
APPLICATION THEODERATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 101, Application US/08787547 Patent No. 5783567
                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Frager, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 0819
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hedley, Mary Lynne
APPLICANT: Curley, Joanne M.
APPLICANT: Langer, Robert S.
TITLE OF INVENTION: MICROPARTIC
TITLE OF INVENTION: OF NUCLEIC
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                        STREET: 225 F
CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Fish & Richardson, P.C. STREET: 225 Franklin Street
            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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US-09-143-068-2
US-09-143-707-2
US-09-202-089-2
US-09-511-133-2
US-09-511-631-2
US-09-461-325-206
US-09-461-325-206
US-09-690-189-2
US-10-115-123-206
US-10-115-123-206
US-10-1272-490-56
US-09-328-352-7301
US-09-248-796A-24
US-09-585-1738-44
US-09-585-1738-44
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US-10-272-490-10
US-09-489-039A-9126
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US-09-391-958-1
US-09-248-796A-15172
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15,72, A
38, Appl
10, Appl
10, Appli
2, Appli
206, Appli
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APPLICANT: HIAM, KADER
APPLICANT: AURIAULT, CLAUDE
APPLICANT: LOING, ESTELLE
APPLICANT: LOING, ESTELLE
APPLICANT: LOING, ESTELLE
APPLICANT: UCING, ESTELLE
APPLICANT: VERWARRDE, CLAUDIE
APPLICANT: VIEWARRDE, CLAUDIE
APPLICANT: VERWARRDE, CLAUDIE
APPLICANTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
FILLE REFERENCE: USB-97-AU-IN
CURRENT APPLICATION NUMBER: US/09/601,729
CURRENT FILING DATE: 1200-11-20
PRIOR APPLICATION NUMBER: PCT/FR99/00259
PRIOR APPLICATION NUMBER: PS 801439
PRIOR FILING DATE: 1998-02-06
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 274
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                RESULT 3
US-08-934-915-159
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: peptide
US-09-601-729-274
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Patent No. 59
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Patent No. 66
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Best Local (
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APPLICANT: DILLNE:
APPLICANT: DILLNE:
                                                                                                                                                                          APPLICANT: DILLNER, JOAKIM
APPLICANT: DILLNER, LENA
APPLICANT: DILLNER, LENA
APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
TITLE OF INVENTION: DIAGNOSTIC PURPOSES
COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                       NUMBER OF SEQUENCES: 193
CORRESPONDENCE ADDRESS:
ADDRESSE: MASON & ASSOCIATES, P.A.
STREET: 17757 U.S. HWY. 19 NORTH, SUITE
CITY: CLEARWATER
STATE: FLORIDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 100 nes 9; Conservative
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100.0%; Pred. No. 4.6e+05;
tive 0; Mismatches 0;
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hes 0;
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CURRENT APPLICATION DATA:

COMPUTER: IBM PC compatible OPERATING SYSTEM: Windows 3.0 SOFTWARE: Microsoft Word 6.0

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US-08-363-586-4
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Best Local Similarity 100.0%;
Matches 9; Conservative (
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APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-UTL-1992
APPLICATION NUMBER EP 91111720.8
FILING DATE: 13-UTL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: LOUISE A. Foutch
REGISTRATION NUMBER: 37,13
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mueller, Martin
APPLICANT: Gissmann, Lutz
TITLE OF INVENTION: Use of HPV-16 E6
TITLE OF INVENTION: Peptides for the
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                            APPLICATION NUMBER: US/01 FILING DATE: 23-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 813-538-3820
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20005-3315
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Pred. No. 0.029;
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Diagnostic Purpose
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GENERAL INFORMATION:
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PRO
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCW
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 911303.8
PRIOR FILING DATE: 1998-05-26
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR FILING DATE: 1999-01-05
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN DATE: 199-01-05
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN PARTICIPATION OF THE SEQ ID NOS: 36
SOFTWARE: PATENTIN PARTICIPATION OF THE SEQ ID NOS: 36
SOFTWARE: PATENTIN PARTICIPATION OF THE SEQ ID NOS: 36
SOFTWARE: PATENTIN PARTICIPATION OF THE SEQ ID NOS: 36
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APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 AND E7
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PROT/FROO/01513
PRIOR APPLICATION NUMBER: PROP/07012
PRIOR FILING DATE: 2000-05-31
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
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APPLICANT: BOURGAULI
APPLICANT: GUILLET,
APPLICANT: CONNAN, E
APPLICANT: FERRIES,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Applic
Patent No. 6783763
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SEQ ID NO 4
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Best Local
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Best Local (
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 30
TYPE: PRT
ORGANISM: Human Papillomavirus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 48; DB 2; ilarity 100.0%; Pred. No. 0.043; Conservative 0; Mismatches
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USE
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APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAM, FRANCINE
APPLICANT: FERRIES, ESTELLE
APPLICANT: FERRIES, ESTELLE
ITITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 AND E7
ITITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
ITITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOBL AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR PILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR APPLICATION NUMBER: FR 99/07012
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; ORGANISM: Human papillomavirus
US-09-701-080C-18
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US-08-316-239B-3
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                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wheeler, Cos
APPLICANT: Parmenter, C
TITLE OF INVENTION: Met
TITLE OF INVENTION: Inc
TITLE OF INVENTION: Cer
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Matches
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GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.1
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TYPE: PRT
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ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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nes 9; Conserv
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Local Similarity 100.0%;
hes 9; Conservative 0
                                                                                                                   ADDRESSEE: Jagtiani & Associates
STREET: 6126 Rocky Way Court
CITY: Centreville
                                                                             COUNTRY:
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                                                                                 USA
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                                                                                                                                                                                                                                           er, Cheryl A.

Methods and a Diagnostic Aid for

Distinguishing a Subset of HPV that is Associated with

Increased Risk of Developing Cervical Dysplasia and
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Pred. No. 0.21;
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Best Local Similarity
Thes 9; Conserve
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                ATTORNEY/AGENT INFORMATION:

NAME: Jagtiani, Ajay A.

REGISTRATION NUMBER: 35,205

REFERENCE/DOCKET NUMBER: UNME
TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 817-9453
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NAME: Jagilani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNME
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
                                                                                 TELEFAX: (703) 803-9387 INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                   ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: blave
STREET: Centreville
CITY: Centreville
CTATE: VA
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SOFTWARE: PATENTION Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                         SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/316,239B FILING DATE: 30-SEP-1994 CLASSIFICATION: 435
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TYPE: amino acid
STRANDEDNESS: not
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: not relevant
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6126 Rocky Way Court
                                           162 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Wheeler, Cosette M.
Parmenter, Cheryl A.
Parmenter, Cheryl A.
VENTION: Methods and a Diagnostic Aid for
VENTION: Distinguishing a Subset of HPV that is Associated with
VENTION: Increased Risk of Developing Cervical Dysplasia and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 48; DB 1 ilarity 100.0%; Pred. No. 0.23; Conservative 0; Mismatches
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PatentIn Release #1.0, Version #1.30
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  not relevant
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                                                      CURRENT APPLICATION NUMBER: US/09/359,382;
CURRENT FILING DATE: 1999-07-23

EARLIER APPLICATION NUMBER: US 08/860,165

EARLIER FILING DATE: 1997-09-22

EARLIER APPLICATION NUMBER: PCT/AU95/00868

EARLIER FILING DATE: 1995-12-20

EARLIER APPLICATION NUMBER: AU PN0157/94

EARLIER FILING DATE: 1994-12-20

NUMBER OF SEQ ID NOS: 27
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US-09-359-382-14
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                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILIOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
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Best Local Similarity 100.0%;
Matches 9; Conservative 0
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SEQ ID NO 14
LENGTH: 172
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                                                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/09359382 Patent No. 6306397
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Blizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/08/860,165A CURRENT FILING DATE: 1997-09-22 EARLIER APPLICATION NUMBER: PCT/AU95/00868 EARLIER FILING DATE: 1995-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Gene Pusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: HYPOTHETICAL:
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Best Local Similarity
Thas 9; Conserv
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US-08-117-083-10
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RESULT 13
US-09-462-993-1
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                                                                                                                                                                                                                                                                                                                                                                                               US-08-117-083-10
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SEQUENCE CHARACTERISTICS:
LENGTH: 182 amin-
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human
TITLE OF INVENTION: Papilloma Virus Proteins
                                                                                                                                                                                                                                                       Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 9; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION UMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY ACCOUNTS A PRINCE ASSETS ATTORNEY ACCOUNTS 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Protein LOCATION: 1.182 OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 182 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
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                                                                                                                                    19 KLPQLCTEL
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llarity 100.0%;
Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          protein
                                                                                                                                       27
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the open reading frame."
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Pred. No. 0.26;
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Pred. No. 0.24;
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Sequence 1, Application US/09462993

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APPLICANT: BALLOUL, Jean-Marc

APPLICANT: BIZOURRNE, Nadine

TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC

TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION

FILE REFERENCE: 017753-122

CURRENT APPLICATION NUMBER: US/09/462,993

CURRENT FILING DATE: 2000-04-17

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: FCT/FR98/01576

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR FILING DATE: 1997-07-18

NUMBER OF SEQ ID NOS: 23

SOFTWARE: PatentIn Ver. 2.2
RESULT 15
US-09-359-382-10
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LENGTH: 266
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APPLICANT: KIENY,
                                                                                                                                                                            Matches
                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/08/860,165A CURRENT FILING DATE: 1997-09-22 EARLIER APPLICATION NUMBER: PCT/AU95/00868 EARLIER FILING DATE: 1995-12-20 EARLIER APPLICATION NUMBER: AU PN0157 EARLIER FILING DATE: 1994-12-20 NUMBER OF SEQ ID NOS: 15 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TWF.
                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
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                                                                                       KLPQLCTEL 26
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                                                                                                                                                                          Conservative
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                                                                                                                                                                                              100.0%;
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                                                                                                                                                                                              Score 48; DB 2
Pred. No. 0.37;
                                                                                                                                                                              Mismatches
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RESULT 17 US-09-485-885-4

APPLICANT:
APPLICANT:

Bruck, Claudine Cabezon Silva, Teresa

Sequence 4, Application US/09485885 Patent No. 6342224 GENERAL INFORMATION:

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                                                                                                                                                              NUMBER OF SEQ ID NOS: 6
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 1
LENGTH: 266
TYPE: PRT
ORGANISM: Human papillomavirus type 16
US-09-367-309A-1
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; TYPE: PRT
; ORGANIZM: Human papillomavirus type 16
US-09-359-382-10
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CURRENT APPLICATION NUMBER: US/09/359,382

CURRENT FILING DATE: 1999-07-23

EARLIER APPLICATION NUMBER: US 08/860,165

EARLIER FILING DATE: 1997-09-22

EARLIER APPLICATION NUMBER: PCT/AU95/00868

EARLIER FILING DATE: 1995-12-20

EARLIER PILING DATE: 1994-12-20

NUMBER: OF SEQ ID NOS: 27

NUMBER OF SEQ ID NOS: 27
                                                                               Best Loc
Matches
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Patent No. 6428807
GENERAL INFORMATION:
APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING
FILE REFERENCE: 017227/0149
                                                                                                                       Query Match
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APPLICANT: EDWARDS, Stirling John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/367,309A CURRENT FILING DATE: 1999-08-11 PRIOR APPLICATION NUMBER: PCT/AU98/00080 PRIOR FILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: AU PO 5178 PRIOR FILING DATE: 1997-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
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nes 9; Conserv
                                                                          Local Similarity
les 9; Conserv
18 KLPQLCTEL 26
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                                    1 KLPQLCTEL 9
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                                                                               Conservative
                                                                                 100.0%; Score 48; DB 2; Length 266
100.0%; Pred. No. 0.37;
vative 0; Mismatches 0; Indels
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-10
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US-09-485-885-10
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Te
APPLICANT: Delisse, Anne-Mar
APPLICANT: Gerard, Catherine
APPLICANT: Lombardo-Bencheik
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR PPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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US-09-485-885-6
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LENGTH: 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bruck, Claudine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                          Sequence 6, Application US/09485885
Patent No. 6342224
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REPERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                y Match 100.0%; Score 48; DB 2
Local Similarity 100.0%; Pred. No. 0.41;
hes 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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100.0%; Pred. No. 0.38;
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CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-485-885-14
                                                                                                                                                           ; Sequence 2, Application US/08466285 ; Patent No. 5753233
                                                                                                                                                                                                   US-08-466-285-2
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                                GENERAL INFORMATION:
APPLICANT: Bleul, Conrad
APPLICANT: Gissmann, Lutz
APPLICANT: Muller, Martin
TITLE OF INVENTION: Serorea
TITLE OF INVENTION: Human P.
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 6
LENGTH: 371
TYPE: PRT
ORGANISM: Homo sapien
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APPLICANT: Bruck, Claudine
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APPLICANT:
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Best Local :
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Best Local (
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CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
                    CORRESPONDENCE ADDRESS:
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nes 9; Conserv
 ADDRESSEE:
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Similarity 100.0%; Pred. No. 0.52;
9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FastSEQ for Windows Version 3.0
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nilarity 100.0%;
Conservative 0;
Finnegan, Henderson,
                                     Seroreactive Epitopes On Proteins
Human Papillomavirus (HPV)18
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Pred. No. 0.54;
Nismatches 0; Indels
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RESULT 22
US-08-164-768-2
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                                                                                     Sequence 2, Application US/08164768
Patent No. 6322794
GENERAL INFORMATION:
APPLICANT: BLEFL, Conrad
APPLICANT: GISSMANN, Lucz
APPLICANT: MULLER, Martin
TITLE OF INVENTION: SEROREACTIVE EPITOPES ON PROTEINS OF
TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS (HPV) 18
NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESSE: FINNEGAN, FARABOW, GARRETT &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 8; Conserv
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: P 40 15 044.5
FILING DATE: 10-MAY-1990
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MANBPELEZ: DAVIG A.
REGISTRATION NUMBER: 37,540
REGISTRATION NUMBER: 05552.1075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/08/466,285
FILING DATE: 06-JUN-1995
CLASSIFICATION DATA:
CLASSIFICATION: 424
PRIOR APPLICATION UNMBER: US 08/164,768
FILING DATE: 10-DEC-1993
CLASSIFICATION UNMBER: US 08/164,768
FILING DATE: 10-DEC-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/947,992
FRIOR APPLICATION EACH
PRIOR APPLICATION US 07/947,992
FILING DATE: 21-SEP-1992
CLASSIFICATION UNMBER: US 07/696,953
PRIOR APPLICATION UNMBER: US 07/696,953
FILING DATE: 08-MAY-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: FIBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
STREET: 1300 I Street, N.W. CITY: Washington
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1300 1 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acids
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1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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Pred. No. 0.37;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 32;
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REFERENCE/DOCKET NUMBER: 36,709
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEPAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acids
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/08247904B Patent No. 5981699
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APPLICANT: Rolfe, Mark
APPLICANT: Eckstein, Jens W.
APPLICANT: Draetta, Giulio
TITLE OF INVENTION: Human Ubiquitin Conjugating Enzyme
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/247,904B
FILING DATE: 23-MAY-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: FORMAN, DAVID S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: U$0/08/164,768 FILING DATE: 10-DEC-1993
                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
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Local Similarity 88.9%;
les 8; Conservation
                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                  SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
ZIP: 02109
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CLASSIFICATION:
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; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-247-904B-10
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US-08-767-942A-19
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                                                                                     RESULT 25
US-08-117-083-14
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Best Local Similarity
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APPLICANT: Chiu, M. Isaber
APPLICANT: Berlin, Vivian
APPLICANT: Damagnez, Veronique
APPLICANT: Draetta, Giulio
Transcrittantel
Transcrittantel
Transcrittantel
Transcrittantel
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Patent No.
            Patent No. 5719054
GENERAL INFORMATION:
APPLICANT: Boursno
APPLICANT: Inglis
                                                                     Sequence 14, Application US/08117083
                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                       Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acid
                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 17-DEC-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-029.04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/767,942A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13 KLPDLCTEL 21
                                                                                                                                                 13 KLPDICTEL 21
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                                                                                                                                                                             KLPQLCTEL 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/08767942A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             B: FOLEY, HOAG & ELIOT
One Post Office Square
                                                                                                                                                                                                                                                                                                                             158 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Guillaume, Cottare:
VENTION: UBIQUITIN CONJUGATING ENZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
Boursnell, Michael E. Inglis, Stephen C. Munro, Alan J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                         89.6%;
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                                                                                                                                                                                                                          1.8;
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NAME/KEY: Protein
; LOCATION: 1..271
; OTHER INFORMATION:
; OTHER INFORMATION:
; OTHER INFORMATION:
US-08-117-083-14
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            SOFTWARE: Fa
SEQ ID NO 21
LENGTH: 278
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Matches
                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Sequence 2
Patent No.
                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                              CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
CRICK PELICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR PPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY_AGENT INFORMATION:

NAME: Dreger, Walter H.

REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-58
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                                                                                                                                                                                             APPLICANT:
                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Rec
TITLE OF INVENTION: Pap
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center,
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                   21, Application US/09485885
o. 6342224
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Similarity 88.9%;
8; Conservation
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                                                 FastSEQ for Windows Version 3.0
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Cabezon Silva, Teresa
Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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                                                                                                                                                                                                            Vaccine
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Papilloma Virus Proteins
70
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the open reading frame."
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187 KFNQLCTEL 195

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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-23
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CURRENT APPLICATION NUMBER: US/09/485,885

CURRENT FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR APPLICATION NUMBER: GB 9717953.5

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23
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US-09-485-885-21
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                                                                                               US-09-543-681A-8111
                                                                                                                      Sequence 8111, Application US/09543681A

Sequence 8111, Application US/09543681A

Patent No. 6605709

GENERAL INFORMATION:

APPLICATION:

APPLICATION:

DIAGNOSTICS AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT FILING DATE: 2000-04-05

PRIOR APPLICATION UNMBER: US 60/128,706

PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344

SEQ ID NO 8111

LENGTH: 211

TYPE: PRT
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Best Local Similarity 88.2
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APPLICANT: Bruck, Claudine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 23, Apr--
                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                              Query Match
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                                                                                                            ORGANISM: Proteus mirabilis
                                              Local Similarity
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
VENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FastSEQ for Windows Version 3.0
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                               Conservative
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                                              72.9%;
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                                              Score 35; DB Pred. No. 68;
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Pred. No. 4.3;
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Pred. No. 3.2;
                                 Mismatches
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                                                                 Length 211;
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RESULT 29
US-07-909-122-2
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US-08-075-541D-52
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                                                                                                                                                                                                                                                                                                       Sequence 52, Application US/08075541D Patent No. 6183745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/07909122 Patent No. 5415995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: TINDLE, ROBERT
APPLICANT: FERNANDO, GERMAIN
APPLICANT: FRAZER, IAN
TITLE OF INVENTION: SUBUNIT PAPILLOMA VIRUS VACCINE AND
TITLE OF INVENTION: PEPTIDES FOR USE THEREIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: SCHOOLNIK, GARY K.
APPLICANT: PALEFSKY, JOEL M.
TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA
TITLE OF INVENTION: VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/909,122
FILING DATE: 1920706
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 26
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
ZIP: 19103-2398
COMPUTER READABLE FORM:
                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 813-560
TELEFAX: (415) 494-0792
TELEX: 706141
                                                       STREET: 1601 MARKET CITY: PHILADELPHIA STATE: PENNSYLVANIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear 09-122-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Palo Alto
STATE: California
                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  10 KLPQLC
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                                                                                                   SE: PANITCH SCHWARZE JACOBS & NADEL, P.C. 1601 MARKET STREET, 36TH FLOOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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US-08-363-586-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Application US/08363586 Patent No. 5629161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Mueller, M
APPLICANT: Gissmann,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acide
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: NADEL, ALAN S
REGISTRATION NUMBER: 27,363
REFERENCE/DOCKET NUMBER: 87:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: pct/au91/00575
FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: AU pk 3876
FILING DATE: 12-DEC-1990
PRIOR APPLICATION NUMBER: pct/au91/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                             ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Use of HPV-16 E6 and E7-Gene Derived TITLE OF INVENTION: Peptides for the Diagnostic Purpose NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-UUL-1992
APPLICATION NUMBER: EP 91111720.8
FILING DATE: 13-UUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
                                                                                                        APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/075,541D
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COMPUTER: II
                                                                                                                                                                                                                                                                                                                                         CITY: Washington
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; Pred. No. 7.5;
0; Mismatches
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JS-08-481-968A-11
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CURRENT FILING DATE: 2000-10-17
NUMBER OF SEQ ID NOS: 637
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 248
LENGTH: 161
TYPE: PRT
ORGANISM: Homo sapiens
                                                              APPLICANT: Huber, Brian
APPLICANT: Richards, Cynthia
APPLICANT: Richards, Cynthia
APPLICANT: Richards, Cynthia
TITLE OF INVENTION: Molecular Constructs Comprising a Carcinoembryonic Antigen
TITLE OF INVENTION: Transcriptional Regulatory Region
FILE REFERENCE: PB1087US4
CURRENT APPLICATION NUMBER: US/08/481,968A
CURRENT FILING DATE: 1998-06-07
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.0
SOFTWARE: PatentIn version 3.0
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Best Local Similarity 85.,
".-ches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SPECHT,
APPLICANT: HINZMAN
APPLICANT: SCHMITT
APPLICANT: PILARSK
APPLICANT: DAHL, E
APPLICANT: ROSENTH
                                                                                                                                                                                                                                            Sequence 11, Application US/08481968A Patent No. 6300490 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: DAHL, EDGAR
APPLICANT: ROSENTHAL, ANDRE
TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
FILE REFERENCE: ALBRE-12
                LENGTH: 341
TYPE: PRT
ORGANISM: Varicella zoster
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REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202,408-4000
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Local Similarity 100.0%; Pred. No. 12
les 6; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      248, Application US/09673395A
5. 6620923
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SCHMITT, ARMIN
PILARSKY, CHRIS
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85.7%;
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Pred. No.
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WIMMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 341
TYPE: PRT
ORGANISM: Varicella zoster
US-09-947-925A-11
RESULT 36
US-09-198-452A-1036
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Best Local Similarity
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US-08-154-712B-11
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US-08-154-712B-11
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                                                                                                                                                                                                                                                                                                                       Sequence 11, Application US/09947925A

Patent No. 6699690

GENERAL INFORMATION:
APPLICANT: Huber, Brian
APPLICANT: Richards, Cynthia
APPLICANT: Richards, Cynthia
APPLICANT: Richards, Cynthia
TITLE OF INVENTION: Molecular Constructs Containing a Carcinoembryonic
TITLE OF INVENTION: Sequence
TITLE OF INVENTION: Sequence
FILE REFERENCE: PB1087US3
CURRENT APPLICATION NUMBER: US/09/947,925A
CURRENT APPLICATION NUMBER: US/09/947,925A
CURRENT FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: US/08/154,712
PRIOR FILING DATE: 1993-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PB1087US3
CURRENT APPLICATION NUMBER: US/08/154,712B
CURRENT FILING DATE: 1993-11-19
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 341
TYPE: PRT
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GENERAL INFORMATION:
APPLICANT: Huber, Brian
APPLICANT: Richards, Cyr
                                                                                                                                      Matches
                                                                                                                                                      Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Local Similarity 75.0%;
168 6; Conservative
                                                                                                                                  Local Similarity
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                                                                    KLPELCGE 269
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75.0%;
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                                                                                                                                                      70.8%;
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                                                                                                                                                      Score 34; DB 2;
Pred. No. 1.7e+02;
                                                                                                                                         Mismatches
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APPLICANT: Mitchell, Wayne
APPLICANT: Mitchell, Wayne
APPLICANT: Mitchell, Wayne
APPLICANT: Mitchell, Wayne
APPLICANT: Movis, Ronald
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Chlamydia Pneumoniae Genome Sequence
FILE REFERENCE: 018941-000411US
CURRENT APPLICATION NUMBER: US/09/438,185A
CURRENT FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: US 60/108,279
PRIOR APPLICATION NUMBER: US 60/108,279
PRIOR APPLICATION NUMBER: US 60/128,606
PRIOR APPLICATION NUMBER: US 60/128,606
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 1074
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 966
LENGTH: 504
TYPE: PRT
ORGANISM: Chlamydia pneumoniae
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US-09-438-185A-966
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US-09-949-016-10663
                   RESULT 38
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Best Local Similarity
"`~ hes 5; Conserve
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Patent No. 6822071
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SEQ ID NO 1036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: Griffais,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1036, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
LOCATION: 1...504
OTHER INFORMATION: Xaa=unknown or other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Chlamydia pneumoniae
FEATURE:
                                                                                                                                                                                                                                                                      OTHER INFORMATION: CPn0964
                                                                                                                                                                                                                                                                                         FEATURE:
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Local Similarity 55.6%;
tes 5; Conservative
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206 KIPDLCSQL 214
                                                                                 206 KIPDLCSQL 214
                                                                                                                          1 KLPOLCTEL 9
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55.6%;
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Pred. No. 2.5e+02;
3; Mismatches 1
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                                                                                                                                                                                      Score 34; DB 2;
Pred. No. 2.5e+02;
                                                                                                                                                                 Mismatches
                                                                                                                                                                                                          Length 504;
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Sequence 10663, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:

APPLICANT: VENTER, J.

Craig et al

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APPLICANT: MUCH, MILLIANI
APPLICANT: VANBURA, Daniel
FILE REFERENCE: P138LRICIPI(US)
CURRENT APPLICATION NUMBER: US/09/747,259
CURRENT PILING DATE: 2000-12-20
PRIOR PPLICATION NUMBER: US 09/311,832
PRIOR APPLICATION NUMBER: US 60/172,096
PRIOR PILING DATE: 1999-12-33
PRIOR APPLICATION NUMBER: US 60/175,481
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR APPLICATION NUMBER: DCT/US00/05841
PRIOR APPLICATION NUMBER: DCT/US00/05841
PRIOR APPLICATION NUMBER: US 60/191,007
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US-09-747-259-18
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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Best Local
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APPLICANT: Chen, Jian
APPLICANT: Filvaroff
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SOFTWARE: PASTSEQ for Windows Version 4.0
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                                           APPLICATION NUMBER: PCT/US00/15264
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Grimaldi, Christopher
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Vandlen, Richard
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tumas,Daniel
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US 60/213,087
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Pred. No. 2.6e+02;
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PRIOR APPLICATION NUMBER: PCT/US00/30873
PRIOR FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: US 60/253,646
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 18
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; ORGANISM: Homo Sapien
US-09-747-259-18
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                         ફ
                                                                                                              ; ORGANISM: Homo Sapien
US-09-816-744-18
                                                                                                                                      Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 18
LENGTH: 728
TYPE: PRT
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                                                       Matches
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Best Local Similarity
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/816,744
CURRENT FILING DATE: 2001-03-22
                                                                                                                                                                                                                                                       APPLICANT: Yansura, Daniel
TITLE OF INVENTION: IL-17 HONOLOGOUS POLYPEPTIDES
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APPLICATION NUMBER: US 09/644,848
FILING DATE: 2000-08-22
APPLICATION NUMBER: PCT/US00/23328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2000-08-24
APPLICATION NUMBER: US 60/242,837
FILING DATE: 2000-10-24
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Similarity 75.0%;
6; Conservation
                            2 LPOLCTEL 9
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6579520
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 LPQLCSHL 500
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Williams, P.Mickey
Wood, William
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Grimaldi,Christopher
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Vandlen, Richard
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                                                        Conservative
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Pred. No. 3.6e+02;
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                                                                      Score 34; I
Pred. No. 3.
                                                          Mismatches
                                                                                     DB 2;
                                                                         .6e+02;
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                                                           Indels
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RESULT 41 US-10-104-047-3399

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Query Match
Best Local Similarity
Watches 5; Conserve
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                                                                                                                                                                                                                                                                               RESULT 43
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US-10-104-047-3399
                                                                                                                                                                                                                                                          US-09-248-796A-16504
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    GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR PILING DATE: 1998-02-13

PRIOR APPLICATION NUMBER: US 60/096,409
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3399
LENGTH: 728
                                                                                                                                                                                                                  Sequence 16504, Application US/09248796A Patent No. 6747137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 31445, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
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Patent No. 6943241
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION PRIOR PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. 6943241el full length cDNA
FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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nes 6; Conserv
FILING DATE: 1998-08-13
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71.4%;
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75.0%;
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Pred. No. 3.6e+02;
1; Mismatches 1
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Pred. No. 1.2e+02;
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                                                                                                                     RESULT 45
US-10-062-548-60
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                Sequence 60, Application US/10062548
Patent No. 6924356
GENERAL INFORMATION:
APPLICANT: Rosen et al.
APPLICANT: Rosen et al.
TITLE OF INVENTION: 44 Human Secreted Proteins
  FILE REFERENCE: PZ024P1
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CURRENT APPLICATION NUMBER: US/09/369,247
CURRENT FILING DATE: 1999-08-05
EARLIER APPLICATION NUMBER: 60/074,118
EARLIER FILING DATE: 1998-02-09
EARLIER FILING DATE: 1998-02-09
EARLIER APPLICATION NUMBER: 60/074,137
EARLIER APPLICATION NUMBER: 60/074,337
EARLIER FILING DATE: 1998-02-09
EARLIER PILING DATE: 1998-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 44
US-09-369-247-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT ; ORGANISM: Candida albicans US-09-248-796A-16504
                                                                                                                                                                                                          US-09-369-247-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 16504
LENGTH: 304
                                                                                                  Matches
                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Patent No. 6569992
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                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: 44 Human Secreted Proteins FILE REFERENCE: PZ024P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                     NAME/KEY: SITE
LOCATION: (247)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: SITE
LOCATION: (165)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 308
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                         NAME/KEY: SITE
LOCATION: (308)
                                                                                                                                                                                                                                      OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68.8%;
Local Similarity 55.6%;
les 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   172 KFPQLCRDI 180
286 PPLCTEL 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KLPQLCTEL 9
                                                 3 POLCIEL 9
                                                                                                     6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09369247
                                                                                                                                                                                                                                   Xaa equals stop translation
                                                                                                                                                                                                                                                                                                                                        Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                Xaa equals any
                                                                                                                              68.8%;
85.7%;
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                                                                                                     Score 33; DB 2;
Pred. No. 2.3e+02;
0; Mismatches 1
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Pred. No. 2.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                of the naturally occurring L-amino acids
                                                                                                                                                      Length 308
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NAME/KEY: SITE

LOCATION: (247)
OTHER INFORMATION: Xaa equals any of the nature
NAME/KEY: SITE
LOCATION: (308)
OTHER INFORMATION: Xaa equals stop translation
US-10-062-548-60
RESULT 47
US-09-543-681A-7117
· Sequence 7117, Application US/09543681A
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                                                                                                                                                                                           Query Match
Best Local Similarity
Watches 6; Conserve
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US-10-104-047-3188
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CURRENT FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: 09/369,247
PRIOR PILING DATE: 1999-08-05
PRIOR PILING DATE: 1999-08-05
PRIOR PILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,341
PRIOR PILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,141
PRIOR PILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,141
PRIOR PILING DATE: 1998-02-09
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                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-10-104-047-3188
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SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 60
LENGTH: 308
                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PALENTIN VET. 2.1
SEQ ID NO 3188
LENGTH: 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3188, Application US/10104047 Patent No. 6943241 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: HELIX RESEARCH INSTITUTE TITLE OF INVENTION: No. 6943241el full length cDNA FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: SITE
LOCATION: (165)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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                                                                                                                                  348 LPSLCTSL 355
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                                                                                                                                                                                                                                68.8%;
75.0%;
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Pred. No. 2.3e+02;
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Pred. No. 2.9e+02;
                                                                                                                                                                                                                Mismatches
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; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 7117
; LENGTH: 476
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-7117
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APPLICANT: GARY BRETON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3,
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Matches 6; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABI TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: LEE, J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KIM, Hang Sub-
TITLE OF INVENTION: AKLAVINONE C-11 HYDROXYLASE, GENE CODING
TITLE OF INVENTION: FOR SAME, EXPRESSION VECTOR THEREFOR, AND
TITLE OF INVENTION: PROCESS FOR PREPARING HYBRID ANTIBIOTICS
TITLE OF INVENTION: BY USING SAID VECTOR
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                 CITY: Daejeon
                                                               STREET:
                                                                                                                                                                                                                                          CITY
                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: LEE, Jung Joon
STREET: Hanbit Apt. 132-201,
                   COUNTRY:
                                                                                                            COUNTRY: Republic of Korea
                                                                                                                                                                        ADDRESSEE:
                                                                             ADDRESSEE:
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RY: Republic of Korea
                                                                                               305-33
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                             Daejeon
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Republic of Korea
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Hanbit Apt. 125-1504,
                                                         #San-1,
                                                                                                                                                                                                                                                  E: HONG, Soon Kwang
#231-32 Mochung-dong
                                                                                                                                                      #San-1,
                                                                                                                                                                                                                                                                                                                                                                                               Republic of Korea
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HWANG, Cheol Kyu
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KIM, Young Ho
HONG, Soon Kwang
                                            HWANG, Cheu.
                                                                                                                                                        HONG, Young Soo
an-1, Oeun-dong,
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85.7%;
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Pred. No. 3.5e+02
0; Mismatches
                                                               Youseong-ku
                                                                                                                                                           Youseong-ku
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; TYPE: PRT
; ORGANISM: Escherichia coli
US-09-673-198-1
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US-09-673-198-1
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                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/673,198
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: JP98/103101
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: JP98/221910
PRIOR FILING DATE: 1998-08-05
PRIOR FILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: JP99/035739
PRIOR FILING DATE: 1999-02-15
PRIOR FILING DATE: 1999-02-15
                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFRRMATION:

APPLICANT: MIYAKE, Koichiro; HASHIMOTO, Shinichi; MOTOYAMA Hiroaki;
APPLICANT: OZAKI, Akio; SETO, Haruo; KUZAYAMA, Tomohisa; TAKAHASHI, Shunji
TITLE OF INVENTION: A process for producing isoprenoid compounds by
TITLE OF INVENTION: microorganisms and a method for screening compounds with
TITLE OF INVENTION: antibiotic or weeding activity
FILE REFERENCE:
Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09673198 Patent No. 6806076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                        SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION UNMBER: US/08/551,211
FILING DATE: 31-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: KR 95-1950
FILING DATE: 2-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Shahan Islam
REGISTRATION NUMBER: 32,507
REFERENCE/DOCKET NUMBER: DT-1421
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-1000
                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (212) 953-7249
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 536 amino acids
                                                                                                                                                      LENGTH: 620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC/AT
OPERATING SYSTEM: MS-DOS
SOFTWARE: WOR'D Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
COMPUTER: ISM PC/AT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: KIM
STREET: Sindon
CITY: Daejeon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             262 PORCTEL 268
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                                                                                                                                                                                              PatentIn Ver. 2.0
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Sindonga Apt. 11-1403, Yongjeon-dong, Dong-ku
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linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                68.8%;
85.7%;
                        68.8%;
    Score 33; DB 2; Length 620
Pred. No. 4.6e+02;
1; Mismatches 1; Indels
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GENERAL INFORMATION:
APPLICANT: GATY BREVON et. al
APPLICANT: GATY BREVON ET. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NO 13113
LENGTH: 626
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Sequence 34, Appl Sequence 14011, A Sequence 4810, Ap Sequence 395, App Sequence 2226, Ap Sequence 2226, Ap Sequence 525, App Sequence 525, App Sequence 283, App	10, 10,	ອິກິກ	40	94, Appi 11, App 119, Ap	2, Appl							sequence 10, App Sequence 553, App Sequence 1244, Ap					~ -		10.10				10 10	10 10	10 10	10 10	equence s	equence equence
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APPLICANT: Dutnam, David
APPLICANT: Hedley, Mary Lynn
APPLICANT: Hedley, Mary Lynn
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY OF NUCLEIC
TITLE OF INVENTION: ACID
TITLE OF INVENTION: MICROPARTICLES
CURRENT APPLICATION NUMBER: US/09/909,460
CURRENT APPLICATION NUMBER: US/09/909,460
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/321,346
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/321,346
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/321,346
PRIOR FILING DATE: BARLIER FILING DATE: 1999-05-27
NUMBER OF SEQ ID NOS: 114
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 101
LENGTH: 9
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Best Local Similarity
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US-09-872-836-101
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Application US/09909460
Sequence 101. Application US/09909460
Publication No. US20020182258A1
GENERAL INFORMATION:
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       Sequence 101, Application US/09872836
Publication No. US20040142475A1
GENERAL INFORMATION:
APPLICANT: Barman, Shikha P.
APPLICANT: McKeever, Una
APPLICANT: Hedley, Mary Lynne
TITLE OF INVENTION: DELIVERY SYSTEMS FOR BIOACTIVE
PILE REFERENCE: 08191-018001
CURRENT APPLICATION NUMBER: US/09/872,836
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Hepatitis B virus
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US-10-425-115-305213

US-10-707-701-33393

US-10-1425-115-309967

US-10-114-893-125

US-10-144-599-176794

US-10-424-599-176794

US-10-425-115-291756

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US-10-128-714-3029

US-10-425-114-48871
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US-10-437-963-181514
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US-10-450-763-50468
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US-10-425-115-320428

US-10-767-701-48772
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US-10-425-115-279204
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50468, A
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US-10-777-053-546
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US-10-133-210-278
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US-10-133-210-278
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CURRENT FILING DATE: 2002-04-26
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 278
LENGTH: 9
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APPLICANT: DeLi81, Charles
APPLICANT: Berzofsky, Jay
APPLICANT: Gulukota, Kamalakar
APPLICANT: Vaccaro, Dennis
APPLICANT: Vaccaro, Dennis
APPLICANT: Vaccaro, Dennis
APPLICANT: Schang, Chao
TITLE OF INVENTION: COMPOSITIONS THEREOF
FILE REFERENCE: BU-035AX
FILE REFERENCE: BU-035AX
                                                                                                                                                                                                         Sequence 546, Application US/1077053
Publication No. US20040132088A1
GENERAL INFORMATION:
APPLICANT: Simard, John J. L.
APPLICANT: Diamond, David C.
APPLICANT: Oil, Zhiyong
APPLICANT: Lei, Xiang-Dong
APPLICANT: Lei, Xiang-Dong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/208,830
PRIOR FILING DATE: 2000-06-02
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
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TITLE OF INVENTION: EXPRESSION VECTORS ENCODING EPITOPES OF TITLE OF INVENTION: TARGET-ASSOCIATED ANTIGENS AND METHODS FILE REFERENCE: MANNK.022C1
CURRENT APPLICATION NUMBER: US/10/777,053
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: 10/292,413
PRIOR APPLICATION NUMBER: 10/292,413
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR APPLICATION STORM NUMBER: 10/292,413
PRIOR APPLICATION NUMBER: 10/292,413
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR APPLICATION STORM NUMBER: 10/292,413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
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TYPE: PRT
ORGANISM: Homo sapiens
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o. US20030103964A1
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; TYPE: PRT; ORGANISM: Human Papillomavirus US-10-777-053-546
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US-10-837-217-546
                                                                                                                                                                                                                                                                                                                                                     US-10-758-970-101
; Sequence 101, Applica
; Publication No. US200
; Publication No. US200
; GENERAL INFORMATION:
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; TYPE: PRT
; ORGANISM: Human Papillomavirus
US-10-837-217-546
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SEQ ID NO 546
LENGTH: 9
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Best Local Similarity
Matches 9; Conserv
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 546
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                                                           SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 101
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APPLICANT: Lei, Xiang-Dong
TITLE OF INVENTION: EXPRESSION VECTORS ENCODING EPITOPES OF
TITLE OF INVENTION: TARGET ASSOCIATED ANTIGENS AND METHODS FOR THEIR DESIGN
FILE REPERENCE: MANNK. 022C2
                                                                                                                                                                                                      APPLICANT: Hedley, Mary Lynne
APPLICANT: Hsu, Yung-Yueh
APPLICANT: Tyo, Michael
APPLICANT: Tyo, Michael
TITLE OF INVENTION: CONTINUOUS-FLOW METHOD FOR PREPARING MICROPARTICLES
FILE REFERENCE: 08191-012001
CURRENT APPLICATION NUMBER: US/10/758,970
CURRENT FILING DATE: 2004-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/837,217
CURRENT FILING DATE: 2004-04-30
CRIOR APPLICATION NUMBER: 10/292,413
PRIOR FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR FILING DATE: 2001-11-07
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                                                                                                                   PRIOR APPLICATION NUMBER: US/09/715,708A PRIOR FILING DATE: 2000-11-17 PRIOR APPLICATION NUMBER: US 60/166,516 PRIOR FILING DATE: 1999-11-19
                                                                                                      NUMBER OF SEQ ID NOS: 109
ORGANISM: Human papilloma virus
                                           ENGTH: 9
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o. US20050037086A1
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Pred. No. 1.7e+06;
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                                                         ; LENGTH: 9
; TYPE: PRT
; ORGANISM: Human Papilloma virus
US-10-751-845-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Human papillomavirus US-10-484-063-1
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SEQ ID NO 1
LENGTH: 9
                                                                                                                               PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 55
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Publication No. US20050048467A1
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Query Match
Best Local Similarity
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APPLICANT: TORTOLERO-LUNA, GUTILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
                                                                                                                                                                                                                                    APPLICANT: Chicz, Roman M.

TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
PILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR PILING DATE: 2000-08-18
PRIOR PILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
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CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
CURRENT FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hedley,
APPLICANT: Urban,
APPLICANT: Chicz,
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100.0%; Pred. No.
    100.0%;
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  Score 48;
Pred. No.
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    DB 5;
1.7e+06;
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Gaps

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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILLE OF INVENTION: papillomavirus proteins and uses thereof
CURRENT APPLICATION UNMBER: US/10/476,570
CURRENT APPLICATION NUMBER: DCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR PILING DATE: 2002-05-03
PRIOR PILING DATE: 2001-05-04

NUMBER: FR 01 05980
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                                                                   ; OTHER INFORMATION: Description of the artificial sequence: peptide E6 17-31 US-10-476-570-20
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CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                               SEQ ID NO 20
LENGTH: 15
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Publication No. US20050142541A1
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                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver. 2.1
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APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANID METHODS OF THEIR USE
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                         TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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  100.0%;
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  Score 48; DB 4;
Pred. No. 0.089;
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                     Length 15
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                                          ; OTHER INFORMATION: US-10-476-570-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LENGTH: 20
; TYPE: PRT
; ORGANISM: Human Papilloma virus
US-10-751-845-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 11
US-10-751-845-64
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                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
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CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
                                                                                                         SEQ ID NO 8
LENGTH: 21
TYPE: PRT
ORGANISM: artificial sequence
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    Query Match
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Matches 9; Conserv
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APPLICANT: GUILLET, Jean-Gerze,
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, BERDAZIONA, ISABElle APPLICANT: BOURGAULT VILLADA, ISABElle
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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                         FEATURE:
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                                                                 Description of the artificial
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    100.0%; Score 48;
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Pred. No.
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    DB
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    4.
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    Length 21;
                                                                   sequence: peptide E6 14-34
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Gaps

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APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SECTIVATE: Patentin Ver. 2.1
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US-11-021-949-1
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US-10-476-570-53
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                                PEATURE:
, OTHER INFORMATION: Description of the artificial sequence: peptide E6 15-44 US-10-476-570-53
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Matches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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Publication No. US20050142541A1
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 53, App
Publication No.
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard BOURGAULT-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV TITLE OF INVENTION: AND METHODS OF THEIR USE FILE REFERENCE: VITA-012
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APPLICANT: GAI
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                                                                                  ORGANISM: artificial sequence
                                                                                                         TYPE: PRT
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                                                                                                                          ENGTH:
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No. US20040170644A1
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Pred. No. 0.15;
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Score 48;
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Length 30;
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US-10-858-384-4
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Best Local S
Matches 9
                                                                             PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PATENTIN VEY. 2.1
SEQ ID NO 9
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APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: PERRIES ESTELLE
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
TITLE OF INVENTION UNMERR: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR REPELICATION NUMBER: TR 9907012
PRIOR REPELICATION NUMBER: TR 9907012
                                                                                                                                                                                      APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 i
TITLE OF INVENTION: papillomavirus proteins and uses th
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                    TYPE: PRT ORGANISM: artificial sequence
FEATURE:
                                                               LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description of the Artificial Sequence: Peptide fragment for {\tt E6} of {\tt HPV}
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Sequence 126, Application US/10751845

Publication No. US20050100928A1

GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
FILE REFERENCE: 08191-013001

CURRENT APPLICATION NUMBER: US/10/751,845

CURRENT PILING DATE: 2004-01-05

PRIOR APPLICATION NUMBER: US/09/664,225

PRIOR APPLICATION NUMBER: US 60/169,846

PRIOR PILING DATE: 1999-12-09

PRIOR PILING DATE: 1999-10-16

PRIOR APPLICATION NUMBER: US 60/154,665

PRIOR APPLICATION NUMBER: US 60/154,665

PRIOR APPLICATION NUMBER: US 60/154,665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: POUVELLE-WORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
ITILE OF INVENTION: Mixture of peptides derived from E6 and/or E7
ITILE OF INVENTION: papillomavirus proteins and uses thereof
ITILE OF INVENTION: papillomavirus proteins and uses thereof
ITILE OF INVENTION UMBER: US/10/476,570
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19
LENGTH: 33
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US-10-751-845-126
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US-10-476-570-9
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Best Local Similarity 100.
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: artificial sequence FEATURE:
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nes 9; Conserv
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Pred. No. 0.19;
Mismatches
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                                                                                   ; TYPE: PRT ; ORGANISM: Human papillomavirus US-10-484-063-20
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US-10-484-063-20
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                                                                                                                                                                                                                                                                                                               Sequence 20, Application US/10484063
Publication No. US20050048467A1
GENERAL INFORMATION:
APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PER-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
EDETICE ADSTRUCTURE 2004-01-16
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CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiecentrum
APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polynucleotides by Electroporation
FILE REFERENCE: 021505wo/JH/ml
                                                                                                                                                 SEQ ID NO 20
LENGTH: 151
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    Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                 CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.1
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial fusion sequence
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TYPE: PRT
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100.0%; Score 48; DB 5; Length 151; ilarity 100.0%; Pred. No. 0.82; Conservative 0; Mismatches 0; Indels
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Pred. No. 0.82;
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                                                                                                                                                                   US-10-858-384-2
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PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 27
                                                                                                                                                                                                                                               TITLE OF INVENTION: POLYEDITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN TITLE OF INVENTION: POLYEDITOPIC PROTEIN FRAGMENTS OF THE REPORTED ON E7 OF HPV, THEIR PRODUCTION AND THEIR USE TITLE OF INVENTION: PARTICULARLY IN VACCINATION FILE REFERENCE: 0508-1037-1 CURRENT APPLICATION NUMBER: US/10/858,384 CURRENT FILING DATE: 2004-06-02 PRIOR APPLICATION NUMBER: FR 9907012 PRIOR APPLICATION NUMBER: FR 9907012 PRIOR FILING DATE: 1999-06-03 NUMBER OF SEQ ID NOS: 24 SOFTWARE: Patentin Ver. 3.2 SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/10484063 Publication No. US20050048467A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA
APPLICANT: GUILLET, JEAN-GER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                    Query Match
Best Local Similarity
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Publication No. US20050033025A1
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELB
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                          ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                LENGTH: 158
TYPE: PRT
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Local Similarity 100.0%;
les 9; Conservative 0
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18 KLPQLCTEL 26
                                      1 KLPQLCTEL 9
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CONNAN, FRANCINE
PERRIES, ESTELLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BOURGAULT VILLADA,
                                                                                     Conservative
                                                                                                       100.0%; Score 48; DB 5
100.0%; Pred. No. 0.86;
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                                                                                                                           Length 158;
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APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOMS: 361
SOFTWARE: FeatSEQ for Windows Version 4.0
SEQ ID NO 13
SEQ ID NO 13
LENCTH: 158
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
US-11-021-949-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Same
FILE REFERENCE: 21402-559
CURRENT APPLICATION UNMER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 198
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 16
LENGTH: 158
TYPE: PRT
ORGANISM: Homo sapiens
US-10-367-057-16
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ŲS-10-367-057-16
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US-11-021-949-13
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                                                                           밁
US-10-472-724-2
                  RESULT 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JO
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARMI
APPLICANT: SCHWEIZER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/10367057 Publication No. US20050100554A1 GENERAL INFORMATION:
                                                                                                                                                       Query Match
Best Local Similarity
Matches 9; Conserv
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Publication No.
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Best Local Similarity 100.0%; Pred. No. 0.86;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cuthill, Scott; APPLICANT: Jackson, Amand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 KLPQLCTEL 26
                                                                             18 KLPQLCTEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 KLPQLCTEL 9
                                                                                                      1 KLPQLCTEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BELMARES, MICHAEL P.
DIAZ-SARMIENTO, CHAMORRO SOMOZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jackson, Amanda;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/11021949 to. US20050142541A1
                                                                                                                                                   100.0%;
ilarity 100.0%;
Conservative 0;
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                                                                               26
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                                                                                                                                                                           Score 48; DB 6; Length 158; Pred. No. 0.86;
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Sequence 2, Application US/10472724
publication No. US20040171806A1
GENERRAL INFORMATION:
APPLICANT: Cid-Arregui, Angel

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Query Match
Best Local Similarity
Thes 9; Conserve
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US-10-751-845-157
; Sequence 157, Application US/10751845
; Publication No. US20050100928A1
; GENERAL INFORMATION:
                                                                                                                  RESULT 27
US-10-751-845-158
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CURRENT APPLICATION NUMBER: US/10/751,845

CURRENT FILING DATE: 2004-01-05

PRIOR APPLICATION NUMBER: US/09/664,225

PRIOR FILING DATE: 2000-08-18

PRIOR APPLICATION NUMBER: US 60/169,846

PRIOR APPLICATION NUMBER: US 60/169,665

PRIOR APPLICATION NUMBER: US 60/154,665

PRIOR FILING DATE: 1999-09-16
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
LENGTH - --
Sequence 158, Application US/10751845
Publication No. US20050100928A1
GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 157
LENGTH: 236
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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR FILING DATE: 2001-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zur Hausen, Harald
TITLE OF INVENTION: Modified HPV E6 and E7
FILE REFERENCE: 4121-154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                          100.0%;
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Pred. No. 1.3;
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FILE REFERENCE: 08191-013001

CURRENT APPLICATION NUMBER: US/10/751,845

CURRENT FILING DATE: 2004-01-05

PRIOR APPLICATION NUMBER: US/09/664,225

PRIOR APPLICATION NUMBER: US 60/169,846

PRIOR FILING DATE: 1999-12-09

PRIOR APPLICATION NUMBER: US 60/154,665

PRIOR APPLICATION NUMBER: US 60/154,665
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                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein ; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-11-072-288-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-11-072-288-1
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LENGTH: 243
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                       Matches
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                                                                                                                                                                                          Best
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CURRENT APPLICATION NUMBER: US/11/072,288

CURRENT FILING DATE: 2005-03-07

PRIOR APPLICATION NUMBER: US/99/462,993

PRIOR PILING DATE: 2000-04-17

PRIOR PILING DATE: 2000-04-17

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR FILING DATE: 1998-07-18

NUMBER OF SEQ ID NOS: 23
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APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.2
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TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                          Local
46
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                                                                       1 KLPQLCTEL 9
                                                                                                                                                   Similarity 9; Conserv
KLPOLCTEL
                                                                                                                                   milarity 100.0%; E
Conservative 0;
   54
                                                                                                                                                                                          Score 48; DB Pred. No. 1.3;
                                                                                                                                                       Mismatches
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US-10-751-845-160; Sequence 160, Application US/10751845; Publication No. US20050100928A1

RESULT 29

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GENERAL INFORMATION:

APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Urban, Roment G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POI
FILE REFERENCE: 08191-011001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR FILING DATE: 2000-08-18
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                                                                                                                     RESULT 31
US-10-000-903-4
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 160
LENGTH: 261
Sequence 4, Application US/10000903
Publication No. US20020182221A1
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
                                                                                                                                                                                                                                                                                  Best Loc
Matches
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SEQ ID NO 1
LENGTH: 266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIN
TITLE OF INVENTIONS: CHELATING IMMUNOSTIMULATING
PILE REFERENCE: 017227/0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/154,665 PRIOR FILING DATE: 1999-09-16
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Human papillomavirus type 16
                                                                                                                                                                                                                                                                                                   Local Similarity
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9; Conservative 0
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US-10-899-771-4
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RESULT 33
                                                                                                                                                         Query Match
Best Local S
Matches 9
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LENGTH: 273
TYPE: PRT
ORGANISM: Homo sapien
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Publication No. US20050031638A1
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Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Dalemans, Wilfried Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT FILLING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/10/899,771
CURRENT FILLING DATE: 2000-06-20
PRIOR FILLING DATE: 2000-06-20
PRIOR PILLING DATE: 1998-12-18
PRIOR PILLING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: CT/EP98/08563
PRIOR FILLING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILLING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOPTWARE: FastSEQ for Windows Version 3.0
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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                                                                                                                                                                                                                                                                                                                                      LENGTH: 273
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                    Watch 100.0%; Score 48; DB 5; Local Similarity 100.0%; Pred. No. 1.5; nes 9; Conservative 0; Mismatches 0
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9; Conserv
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Lombardo-Bencheikh, Angela
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                                                                                                                                                                                                         Length 273;
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Sequence 10, Applicat:
Publication No. US200:
GENERAL INFORMATION:
APPLICANT: Bruck, Cla
APPLICANT: Cabezon 9

Application US/10000903 No. US20020182221A1

Cabezon Silva, Teresa

US-10-000-903-10

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; FEATURE:
; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus; OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type; OTHER INFORMATION: 16)
US-10-899-771-10
                                                                                     RESULT 35
US-10-000-903-6
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US-10-000-903-10
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CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
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CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1997-12-24
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Best Local Similarity 10u.
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                    Sequence 6, Application US/10000903 Publication No. US20020182221A1 GENERAL INFORMATION:
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Best Local (
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
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SEQ ID NO 10
LENGTH: 292
TYPE: PRT
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
APPLICANT: Bruck, Claudine
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res 9; Conserv
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Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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100.0%; Pred. No. 1.5;
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US-10-899-771-6
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 1090-12-18
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Delisse, Anne-Marie Eva Fernando
APPLICANT: Gerard, Catherine Marie Ghislain
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION UMBER: DCT/EP98/05285
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                  SEQ ID NO 6
LENGTH: 371
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
                                                                                           Matches
                                                                                                               Query Match 100.0%; Score 48; Best Local Similarity 100.0%; Pred. No.
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapien
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124 KLPQLCTEL 132
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Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
                                                                                           Conservative
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                                                                                             Mismatches
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from Human papillo
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RESULT 37 US-10-000-903-14

Sequence 14, Application US/10000903 Publication No. US20020182221A1 GENERAL INFORMATION:

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RESULT 39
US-10-367-095-10
; Sequence 10, Application US/10367095
; Publication No. US20030228696A1
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR PILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP99/08563
PRIOR APPLICATION NUMBER: PS727262.9
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ ID NOS: 28
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PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR PRIOR DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PARTER APPLICATION NOS: 23
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Matches
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SEQ ID NO 14
LENGTH: 390
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Best Local
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                                                                                                                                                                                                                           Query Match
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
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CURRENT FILING DATE: 2001-10-01
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APPLICANT: Cabezo
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                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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Gerard, Catherine Marie Ghislaine
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Pred. No.
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Pred. No.
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CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR PELLING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,118
PRIOR PELICATION NUMBER: US 60/356,118
PRIOR PELICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,137
PRIOR PILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,156
                PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR PILING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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Publication No.
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TITLE OF INVENTION: No. US20030228696Alel Insect Cell Line
                                                                                                                                                                                                                                                                                                                                APPLICANT: Vittoria Cioce
TITLE OF INVENTION: Method for Isolation and
TITLE OF INVENTION: Expressed Gene Products
FILE REFERENCE: 44149-3US1
CURRENT APPLICATION NUMBER: US/10/368,046
CURRENT FILING DATE: 2003-02-15
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TYPE: PRT
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/356,123
FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,113
FILING DATE: 2002-02-14
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APPLICATION NUMBER: US 60/356,123
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RESULT 42
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
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Best Local (
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 10
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
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APPLICANT: NOVAVAX, INC., et al
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PRIOR FILING DATE: 2002-02-14
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ORGANISM: Artificial Sequence
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nes 9; Conservative
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Pred. No. 2.8;
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Pred. No. 2.8;
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FILE REFERENCE: 14014.0406U2
CURRENT APPLICATION NUMBER: US/10/472,661
CURRENT FILING DATE: 2003-09-22
PRIOR APPLICATION NUMBER: PCT/US02/09261
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 60/278,520
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 9
SOFTWARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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                                                     US-10-472-661-1
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
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PRIOR FILING DATE: 2002-02-14
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CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR PILING DATE: 2003-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Khleif, Samir N.
APPLICANT: Berzofsky, Jay A.
TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS IMMUNOREACTIVE
TITLE OF INVENTION: PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/10472661
Publication No. US20040106551A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Query Match
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed -
                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 536
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                           OTHER INFORMATION:
                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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                                                                           Description synthetic co
  89.6%;
                                                                           on of Artificial Sequence; note construct
     Score 43;
     В
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  4.
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Length 9;
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Best Local Matches

Similarity 88.9 8; Conservative

88.9%;

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Pred. No. 1.7e+06;); Mismatches 1;

Indels

0;

Gaps

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US-10-751-845-124
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US-11-021-949-8
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                                                                                                                        ; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-8
                                                                                                                                                                                             TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REPERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 124, Application US/10751845
Publication No. US20050100928A1
GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 8, Application US/11021949 Publication No. US20050142541A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 124
                         Query Match
Best Local Similarity
"---hes 8; Conserv
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FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR FILING DATE: 2000-08-18
PRIOR FILING DATE: 1090-12-09
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
PRIOR FILING DATE: 1999-09-16
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARWIENTO, CHAMORR
                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: LU, PETER APPLICANT: GARMAN, CAPPLICANT: BELMARES,
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      1 KLPQLCTEL 9
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                                            Conservative
                                                             89.6%;
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88.9%; Pred. No. 1.7e+06;
ive 0; Mismatches 1
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                                                               Score 43; DB 6; Length 12; Pred. No. 0.58;
                                              Mismatches
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                                            Indels
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RESULT 46
US-11-021-949-60
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SEQ ID NO 60
LENGTH: 12
TYPE: PRT
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Publication No. US20050142541A1
                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/11021949 Publication No. US20050142541A1
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Best Local &
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                                                                     Matches
                                                                                      Query Match
Best Local
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                       APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
PRIOR FILING DATE: 2003-12-23
RUMBER OF SEQ ID NOS: 361
                                                                                                                                                        LENGTH: 25
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  y Match
Local Similarity 88.9%;
hes 8; Conservative
                                                                                      Local Similarity
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                                   1 KLPOLCTEL 9
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 KLPDLCTEL 18
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                                                                   Conservative
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                                                                                      89.6%;
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Pred. No. 0.58;
                                                                     0; Mismatches
                                                                                      Score 43; DB 6;
Pred. No. 1.2;
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RESULT 48

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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
APPLICANT: Chicz, Roman M.
FITTE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPTIDES
FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 152
LENGTH: 42
RESULT 50

US-10-751-845-159

; Sequence 159, Application US/10751845

; Publication No. US20050100928A1

; GENERAL INFORMATION:
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; ORGANISM: Human Papilloma virus
US-10-751-845-152
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US-10-751-845-152
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; ORGANISM: human papilloma virus (HPV)
US-11-021-949-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTHODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
RIOR RESE DATE: 2003-12-23
NUMBER OF SEO ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 57
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 152, Appropriation No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LU, PETER
APPLICANT: GARMAN, JO
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARM
APPLICANT: SCHWEIZER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 57, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
Matches 8; Conservat
                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                         1 KLPQLCTEL 9
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BELMARES, MICHAEL P.
DIAZ-SARMIENTO, CHAMORRO SOMOZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SCHWEIZER, JOHANNES
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                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                      89.6%;
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Pred. No. 1.9;
0; Mismatches
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Pred. No. 1.2;
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FILE REFERENCE: 08191-011001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/99/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 159
LENGTH: 119
ORGANISM: Artificial Sequence
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                                                                                                                               Query Match
Best Local Similarity
""" hes 8; Conserve
Search completed: May 5, 2006, 08:50:29
                                                                                                                                                                                                                                     ; OTHER INFORMATION: Artificial fusion sequence US-10-751-845-159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
                                                                                                                                                                                                                                                                          FEATURE:
                                                                  5 KLPDLCTEL 13
                                                                                                         1 KLPQLCTEL 9
                                                                                                                                                      Conservative
                                                                                                                                                                       89.6%;
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Pred. No. 5.3;
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RESULT 2
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US-10-530-253-13
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Sequence 3, Application US/11206138 Publication No. US20060039919A1
                                                                                                                                                                                                                                                                                                                             SEQ ID NO 13
LENGTH: 151
                                                                                                                                                                                          Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
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                                                                                                                    KLPQLCTEL
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9 US-10-131-826A-298
9 US-10-137-873A-298
9 US-10-137-873A-298
10 US-11-290-153-298
11 US-11-188-298-17090
11 US-11-188-298-17090
12 US-11-13-424-28
11 US-11-087-099-8786
11 US-11-087-099-8786
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US-10-821-234-1171

US-11-087-09-7833

US-11-072-72584

US-11-072-512-2341

US-11-931-198-38

US-10-931-198-38

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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-11-206-138-3
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US-10-530-253-1
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Sugan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.3
SEQ ID NO 3
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APPLICANT: HealthBanks Biotech CO.
TITLE OF INVENTION: Fusion protein
FILE REFERENCE: P7819/0613
                                                                                                                                                                                                                                                     Sequence 3, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
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APPLICANT: Cassecti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McSlhiney
FILE OF INVENTION: HUWAN PARILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Human papillomavirus type 16
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18 KLPQLCTEL 26
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for inhibiting cervcal cancer
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US-10-530-253-7
Sequence 7, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
INTILE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-3
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US-10-530-253-5
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SEQ ID NO 5
LENGTH: 248
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Best Local :
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NUMBER OF SEQ ID NOS: 65
SOPTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jeffrey K. Fullen
APPLICANT: Susan P. McElhiney
TITLE ON TOWNION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
FRIOR APPLICATION NUMBER: PC/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
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APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
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LENGTH: 248
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(es 9; Conservaring)
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Pred. No. 0.063;
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Best Local Similarity
Conservat
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                                 ; SOPTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-11
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SEQ ID NO 9
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local
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Query Match
                                                                                                                                        APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT PPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: DCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Human papillomavirus type 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Human papillomavirus type 16
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Pred. No. 0.063;
 Score 48;
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FILE REFERENCE: 116620-003
CURRENT PAPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
PRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 3.3
SEQ ID NO 2
LENGTH: 256
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                                                    Query Match
Best Local Similarity
"her 8; Conserve
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; ORGANISM: Human papillomavirus
US-11-192-923A-2
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US-11-192-923A-2
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Best Local Similarity
Marches 9; Conserva
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SEQ ID NO 15
LENGTH: 158
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APPLICANT: PANG, XIAOWU

TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS

TITLE OF INVENTION: RECOMBINANT REPLICON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/11192923A Publication No. US20060018928A1
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                                                                                                                                                                                                                                                                 APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                               TYPE: PRT
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9; Conserva
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 KLPDLCTEL 21
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ilarity 100.0%;
Conservative 0
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                                                                                      89.6%;
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                                                                                      Score 43; DB 9;
Pred. No. 0.38;
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Pred. No. 0.065;
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CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR PILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOPTWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 158
TYPE: PRT
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US-10-530-253-19
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US-10-530-253-20
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Matches
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SEQ ID NO 20
LENGTH: 158
TYPE: PRT
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                                                                                                               Query Match
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Someth, Larry
APPLICANT: Someth, Larry
APPLICANT: Someth, Larry
APPLICANT: Sumen P. MccIhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100m137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
VINMER NOT SEC IN NOS. 65
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APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
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                                                                           Local Similarity
nes 7; Conserv
13 KLPDLCTTL 21
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                                  1 KLPQLCTEL 9
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                                                                             Conservative
                                                                                             77.1%;
77.8%;
                                                                             Score 37; DB 9
Pred. No. 5.4;
0; Mismatches
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Pred. No. 0.38;
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                                                                                                                 Length 158;
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US-11-096-568A-1159 ; Sequence 1159, Application US/11096568A ; Publication No. US20060048240A1

RESULT 13

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US-11-188-298-4756

Sequence 4756, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT FILING DATE: 2005-07-22
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                                                                                                                                                                                                                          US-10-055-877-62
; Sequence 62, Application US/10055877
; Publication No. US20050288241A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Oryza sativa
US-11-188-298-4756
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APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 1159
LENGTH: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 4756
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Best Local (
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ORGANISM: Zea mays subsp.
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LOCATION: (1)..(52)
OTHER INFORMATION: Ceres Seq. ID no. 13600515
                            APPLICANT:
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   Ratelli, Luca
Kekuda, Ramesh
Guo, Xiaojia
                                                                                                                                          Padigaru, Muralidhara
Miller, Charles
Tchernev, Velizar
                                                                                                                                                                                                                                                                                                                                                                                      72.9%;
milarity 77.8%;
Conservative
                                                             Gerlach, Valerie
Spytek, Kimberly
                                                                                             Ballinger, Robert
                                                                                                                            Zhong, Mei
Zerhusen, Bryan
                                                                                                             Anderson, David
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75.0%;
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1; Mismatches
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Pred. No.
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APPLICANT:

APPLICANT: APPLICANT:

Anderson, David Ballinger, Robert

Zhong, Mei

Gerlach, Valerie Spytek, Kimberly

Ratelli, Luca

APPLICANT:

Padigaru, Muralidhara Miller, Charles Tchernev, Velizar

DeCristofaro, Marc

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; TYPE: PRT; ORGANISM: Homo sapiens US-10-055-877-62
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                                                                                    RESULT 16
US-10-055-877-232
GENERAL INFORMATION:
APPLICANT: DeCristo
APPLICANT: Padigar
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SEQ ID NO 62
                                                Sequence 232, Application US/10055877 Publication No. US20050288241A1
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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/262,892
PRIOR FILING DATE: 2001-01-19
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/272,870
PRIOR FILING DATE: 2001-03-02
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TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
FILE REFERENCE: 21402-251
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                                                                                                                                                                                                                70.8%;
Local Similarity 71.4%;
hes 5; Conservative
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APPLICATION NUMBER: 60/264,117
FILING DATE: 2001-01-25
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FILING DATE: 2001-01-25
APPLICATION NUMBER: 60/264,478
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Taupier Jr., Raymond
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Gusev, Vladimir
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Burgess, Cahterine
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Kekuda, Ramesh

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PRIOR PILLING DATE: 2002-01-22

PRIOR APPLICATION NUMBER: 60/262,892

PRIOR PILLING DATE: 2001-01-19

PRIOR PILLING DATE: 2001-01-23

PRIOR PILLING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/263,799

PRIOR TILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: 60/263,799

PRIOR TILING DATE: 2001-01-24
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Best Local Similarity
Marches 5; Conserve
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; ORGANISM: Homo sapiens
US-10-055-877-232
              Sequence 6, Application US/10963439
Publication No. US20060079444A1
GENERAL INFORMATION:
APPLICANT: Ron, Dina
TITLE OF INVENTION: HUMAN SEF ISOFORMS AND METHODS OF USING SAME FOR CANCER GENE
TITLE OF INVENTION: THERAPY
FILE REFERENCE: 28385
CURRENT APPLICATION NUMBER: US/10/963,439
CURRENT FILING DATE: 2004-10-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 512
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 232
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CURRENT APPLICATION NUMBER: US/10/055,877
CURRENT FILING DATE: 2002-01-22
NUMBER OF SEQ ID NOS: 22
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TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
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APPLICATION NUMBER: 60/263,351
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Taupier Jr., Raymond
Pena, Carol
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Shimkets, Richard
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Burgess, Cahterine
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Mezes, Peter
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71.4%;
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RESULT 18
US-11-311-555-18
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                                                                                                                       ; ORGANISM: Homo Sapien
US-11-311-555-18
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US-10-963-439-6
Query Match
Best Local Similarity '/5.0
Conservative
                                                                                                                                                                                     PRIOR FILING DATE: 2000-06-02
Remaining Prior Application d
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 18
LENGTH: 728
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APPLICANT: Chen, Jian
APPLICANT: Filvaroff, F
APPLICANT: Fong, Sherma
APPLICANT: Goddard, Aud
APPLICANT: Godwski, Pa
APPLICANT: Grimaldi, Ch
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APPLICATE: Yangura, Daniel
FILE REFERENCE: P1381R1C1P1 (US)
CURRENT APPLICATION NUMBER: US/11/311,555
CURRENT APPLICATION NUMBER: US/09/147,259
PRIOR APPLICATION NUMBER: US/09/147,259
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR PILING DATE: 1999-05-14
PRIOR PILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/172,096
PRIOR APPLICATION NUMBER: US 60/175,481
PRIOR PILING DATE: 1999-12-30
PRIOR PILING DATE: 1999-00-01-11
PRIOR FILING DATE: 1999-01-30
PRIOR PILING DATE: 1999-01-30
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APPLICANT:
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OR FILING DATE: 2000-02-18
OR APPLICATION NUMBER: PCT/US00/05841
OR APPLICATION NUMBER: PCT/US00/05841
OR APPLICATION NUMBER: US 60/191,007
OR APPLICATION NUMBER: US 60/191,007
OR APPLICATION NUMBER: PCT/US00/07532
OR APPLICATION NUMBER: PCT/US00/07532
OR FILING DATE: 2000-03-21
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nes 6; Conserv
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Grimaldi, Christopher
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Watanabe, Colin
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Pred. No. 81;
1; Mismatches
                                 Score 34; DB
Pred. No. 83;
1; Mismatches
                                                                                                                                                                                                                                                                    removed -
                                                                            DB 10; Length 728;
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Sequence 18, Application US/11311561 Publication No. US20060088917A1

INFORMATION:

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RESULT 20
US-11-072-512-3399
; Sequence 3399, Application US/11072512
; Publication No. US20060029945A1
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                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo Sapien US-11-311-561-18
                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 39
SEQ ID NO 18
LENGTH: 728
                                                                                                                                                                                                                                         Query Match
Best Local (
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APPLICANT: YANSUTA, DANIE1

APPLICANT: YANSUTA, DANIE1

TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF

FILE REFERENCE: P1381R1CIP1 (US)

CURRENT APPLICATION NUMBER: US/11/311,561

CURRENT FILING DATE: 2005-12-20

PRIOR APPLICATION NUMBER: US/09/47,259

PRIOR FILING DATE: 2000-12-30

PRIOR APPLICATION NUMBER: US 09/311,832

PRIOR APPLICATION NUMBER: US 09/31274

PRIOR APPLICATION NUMBER: US 00/172,096

PRIOR APPLICATION NUMBER: US 00/175,481

PRIOR PILING DATE: 1999-12-30

PRIOR PILING DATE: 1990-01-11

PRIOR PILING DATE: 1990-01-11

PRIOR PILING DATE: 1990-01-11

PRIOR PILING DATE: 1990-01-11
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PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
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les 6; Conserv
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Grimaldi, Christopher
Gurney, Austin
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Pred. No.
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Sequence 5, Application US/10963439
; Publication No. US20060079444A1
; GENERAL INFORMATION:
APPLICANT: RON, Dina
; TITLE OF INVENTION: HUMAN SEF ISOFORMS AND METHODS OF USING SAME
; TITLE OF INVENTION: THERAPY
; FILE REFERENCE: 28385
; CURRENT APPLICATION NUMBER: US/10/963,439
; CURRENT FILING DATE: 2004-10-11
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 5
; TYDE: PRT
; ORGANISM: Homo sapiens
US-10-963-439-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; SEQ ID NO 3399
; LENGTH: 728
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-072-512-3399
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APPLICANT: NASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR FILING DATE: 2002-01-25
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
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US-10-963-439-5
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Matches 6; Conservative
                                                                 Query Match 70.8%;
Best Local Similarity 75.0%;
Matches 6; Conservative
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504 LPOLCSHL 511
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                                   2 LPQLCTEL 9
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SUGIYAMA, TETSUJI
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SATO, HIROYUKI
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YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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IRIE, RYOTARO
TAMECHIKA, ICHIRO
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YAMAMOTO, JUN-ICHI
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                                                                   Score 34; DB: Pred. No. 84; 1; Mismatches
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Sequence 4065, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 50/592,978
PRIOR OF SEQ ID NOS: 22569
SEQ ID NO 4065
LENGTH: 175
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Best Local Similarity
""" hes 6; Conserve
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US-11-079-463-6485
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TITLE OF INVENTION: FUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TILE REFERENCE: PATHO0-03DIV2
CURRENT FILING NUMBER: US/11/079,463
CURRENT FILING DATE: 2005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-04
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
SEQ ID NO 6485
Sequence 9899, Application US/11079463

Publication No. US20060073161A1

GENERAL INFORMATION:

APPLICANT: GATY L. Breton

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: PATH00-03DIV2

CURRENT APPLICATION NUMBER: US/11/079,463

CURRENT FILING DATE: 2005-03-14
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LOCATION: (1)..(175)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             70.8%;
Local Similarity 85.7%;
les 6; Conservarino
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Pred. No. 92;
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APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR RILING DATE: 2002-01-25
PRIOR RFILING DATE: 2002-01-25
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOPTWARE: PAECENTIN VET: 2.1
SEQ ID NO 3188
LENGTH: 384
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 10444
SEQ ID NO 9899
LENGTH: 243
TYPE: PRT
ORGANISM: B.fragilis
                                                        Matches
                                                                     Query Match
Best Local Similarity
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Matches 5; Conserv
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APPLICANT: SUGIYA
APPLICANT: OTSUKI
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PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
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                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
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348 LPSLCTSL 355
                            2 LPQLCTEL 9
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                                                        6.
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NAGAI, KEIICHI
IRIE, RYOTARO
TAMECHIKA, ICHIRO
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OTSUKI, TETSUJI
WAKAMATSU, AI
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YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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                                                        Conservative
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                                                                     68.8%;
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71.4%;
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                                                                      Score 33; DB 11;
Pred. No. 72;
                                                         Mismatches
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47;
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                                                                                    Length 384;
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RESULT 26 US-11-045-004-2686

Sequence 2686, Application US/11045004 Publication No. US20060078901A1 GENERAL INFORMATION:

BUCHRIESER, CARMEN FRANGEUL, LIONEL

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RESULT 27
US-11-124-368A-285
; Sequence 285, Application US/11124368A
; Publication No. US20050287559A1
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US-11-045-004-2686
                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.3 SEQ ID NO 2686
                                                                                                                                                                                                              Query Match
                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: VOSS, HAMUT
TITLE OF INVENTION: LISTERIA MONOCYTOGENES
FILE REFERNCE: 05394.0018-02
CURRENT APPLICATION NUMBER: US/11/045,004
CURRENT FILING DATE: 2005-01-28
PRIOR APPLICATION NUMBER: 10/637,657
PRIOR PILING DATE: 2003-08-11
                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 10/257,023
PRIOR FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: PCT/FR01/01118
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: FR 00/04,629
PRIOR FILING DATE: 2000-04-11
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TYPE: PRT
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VAZQUEZ-BOLAND, ANTONIO
DOMINGUEZ-BERNAL, GUSTAVO
GARRIDO-GARCIA, PATRICIA
TIERREZ-MARTINEZ, ALBERTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUVE, ELISABETH
RUSNIOK, CHRISTOPHE
PSIHI, HAFIDA
DEHOUX, PIERRE
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CHAKRABORTY, TRINAD
DOMANN, EUGEN
HAIN, THORSTEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GOEBEI, WERNER
KREFT, JURGEN
KUHN, MICHAEL
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CHARBIT, ALAIN
DURANT, LIONEL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NEDJARI, HAFED
GLASER, PHILIPPE
KUNST, FRANCK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GARCIA DEL PORTILLO, FRANCISCO
GOMEZ-LOPEZ, NURIA
MADUENIO, ENCARNA
PABLOS, BETRIZ DE
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BAQUERO, FERNANDO
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                                                                                                                                                                                Conservative
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                                                                                                                                                                                                 66.7%;
                                                                                                                                                                                                 Score 32;
Pred. No.
                                                                                                                                                                                  Mismatches
                                                                                                                                                                                               DB 11; Length 215; 65;
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CURRENT APPLICATION NUMBER: US/11/124,368A
CURRENT FILING DATE: 2005-05-09
PRIOR APPLICATION NUMBER: US 60/568,845
PRIOR FILING DATE: 2004-05-07
PRIOR APPLICATION NUMBER: US 60/625,936
PRIOR PILING DATE: 2004-11-09
NUMBER OF SEQ ID NOS: 21112
SOFTWARE: FARTSEQ for Windows Version 4.0
SEQ ID NO 285
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US-11-124-368A-285
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US-10-203-486-10
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CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PERL Program
SEQ ID NO 10
LENGTH: 473
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10, Application US/10203486 Publication No. US20060035315A1
                               Query Match
Best Local Similarity
Matches 6; Conserv
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APPLICANT: James J. Devlin
APPLICANT: May Luke
TITLE OF INVENTION: Genetic Polymorphisms Associated with
TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof
FILE REFERENCE: CL001524
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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TITLE OF INVENTION: TRANSPORTERS AND ION CHANNELS
FILE REFERENCE: PI-0042 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                 ORGANISM: Homo sapiens
PARTURE:
PARTURE: misc feature
OTHER INFORMATION: Incyte ID No: 4297813CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 345
TYPE: PRT
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Local Similarity 83.3%;
es 5; Conservative
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2 LPQLCTEL 9
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TANG, Y. Tom
LAL, Preeti
POLICKY, Jennifer L
NGUTEN, Danniel B.
AU-YOUNG, Janice
YAO, Monique G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INCYTE GENOMICS, INC.
                                                                                                                                                                                                                                                                                                                                                      GREENE, Barrie D.
HERNANDEZ, Roberto
BOROWSKY, Mark L.
                                                                                                                                                                                                                                                                                                                                                                                                            TRIBOULEY, Cathernie M. PATTERSON, Chandra THORNTON, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                               WALIA, Narinder K. GANDHI, Ameena R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KHAN, Farrah A.
                                 Conservative
                                                 66.7%;
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Pred. No. 1e+02;
1; Mismatches
                               Score 32; DB 9;
Pred. No. 1.4e+02;
0; Mismatches
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                                     2; Indels
                                                                   Length 473;
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LPQLCPSL 405

US-10-467-657-7682

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US-11-103-957-61
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                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: B45261
CURRENT APPLICATION NUMBER: US/11/103,957
CURRENT FILING DATE: 2005-04-12
PRIOR APPLICATION NUMBER: US/10/467,534
PRIOR FILING DATE: 2004-02-03
PRIOR APPLICATION NUMBER: PCT/EP02/01356
PRIOR APPLICATION NUMBER: GB 0103169.9
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: GB 0103169.9
PRIOR FILING DATE: 2001-02-08
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SOFTWARE: SegWin99, version 1.04
SEQ ID NO 7682
LENGTH: 501
                                                                               Query Match
Best Local Similarity 66.
Matches 6; Conservative
                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 61 LENGTH: 553
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                                                                                                                                                                      TYPE: PRT
ORGANISM: Chlamydia trachomatis
-11-103-957-61
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APPLICANT: FONTANA MARIA Rita
APPLICANT: FIZZA MARIAGRAZIA
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Poolman, Jan
APPLICANT: Verlant, Vincent Georges Christian Louis
TITLE OF INVENTION: Vaccine Composition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Berthet, Francois-Xavier Jacques
APPLICANT: Lobet, Yves
APPLICANT: Poolman, Jan
APPLICANT: Verlant, Vincent Georges Christ
                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 108
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hes 5; Conservarium
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12
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                                          1 KLPOLCTEL 9
KTPSLCREL 20
                                                                                                      66.7%;
66.7%;
                                                                               Score 32; DB 11; Length 553; Pred. No. 1.6e+02; 0; Mismatches 3; Indels
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Pred. No. 1.4e+02;
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ORGANISM: Lawsonia intracellularis US-11-098-686-10124
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                                                                                                                                                                                                                                          Sequence 10124, Application US/11098686

Publication No. US20060024696A1

GENERAL INFORMATION:
APPLICANT: Kapur, Vivek and Gebhart, Connie J.
TITLE OF INVENTION: NUCLEIC ACID AND POLYPEPTIDE SEQUENCES
TITLE OF INVENTION: FROM LAWSONIA INTRACELLULARIS AND METHODS OF USING
FILE REFERENCE: 09531-128001
CURRENT APPLICATION NUMBER: US/11/098,686
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31318
PRIOR APPLICATION NUMBER: PCT/US03/31318
                                                                                                                  PRIOR APPLICATION NUMBER: US 60/416,395
PRIOR FILING DATE: 2002-10-04
NUMBER OF SEQ ID NOS: 11433
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10124
LENGTH: 626
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PERL Program
SEQ ID NO 8
LENGTH: 577
TYPE: PRT
Query Match 66.7%;
Best Local Similarity 55.6%;
Matches 5; Conservative
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CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SANJANWALA, Madhu S.
TITLE OF INVENTION: TRANSPORTERS AND ION CHANNELS
FILE REFERENCE: PI-0042 PCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 7472477CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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HERNANDEZ, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GANDHI, Ameena R.
TRIBOULEY, Cathernie
PATTERSON, Chandra
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THORNTON, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AU-YOUNG, Janice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ALIA, Narinder K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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G, Y. Tom
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I, Farrah A.
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75.0%;
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     Score 32; DB 11; Length 626; Pred. No. 1.8e+02; Mismatches 2; Indels
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Pred. No. 1.6e+02;
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RESULT 35
US-11-079-463-7727
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APPLICANT: GBATY L. BECON

APPLICANT: GBATY L. BECON

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRA

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: PATHO0-03DIV2

CURRENT APPLICATION NUMBER: US/11/079,463

CURRENT FILING DATE: 2005-03-14

PRIOR APPLICATION NUMBER: US 60/128,705

PRIOR APPLICATION NUMBER: US 09/540,209

PRIOR PILING DATE: 2000-04-04

PRIOR FILING DATE: 2000-04-04
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SEQ ID NO 6039
LENGTH: 686
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Publication No. US20060073161A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 26
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANTION :

**COMPOSITION FOR THE TENT OF TH
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Pred. No. 1.9e+02;
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PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR PILING DATE: 2005-03-14
PRIOR PILING DATE: 199-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
PRIOR FILING DATE: 2000-04-04
PRIOR FILING DATE: 2000-04-04
PRIOR FILING DATE: 2000-04-04
PRIOR FILING DATE: 2000-04-04
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FEATURE:
FEATURE:
LOCATION: (1)...(206)
OTHER INFORMATION: Ceres Seq. ID no. 13498304
US-11-096-568A-26047
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US-11-096-568A-26047
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TYPE: PRT
ORGANISM: B.fragilis
US-11-079-463-7727
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                                                                                                                                                                                                                                           US-11-087-099-2315
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 2315
LENGTH: 209
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Matches
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Publication No. US20060073161A1
GENERAL INFORMATION:
                                                                                                                                                                                            Sequence 2315, Application US/11087099 Publication No. US20060041961A1
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LENGTH: 206
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TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592FUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATHO0-03DIV2
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CURRENT FILING DATE: 2005-03-14
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Local Similarity 55.6%;
es 5; Conservation
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97;
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US-11-096-568A-26045
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US-10-242-586-8
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               CURRENT APPLICATION NUMBER: US/10/242,586
CURRENT FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: 10/197942
PRIOR FILLING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/059114
PRIOR APPLICATION NUMBER: 60/059114
PRIOR FILING DATE: 1997-09-17
PRIOR PPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
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CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 26045
LENGTH: 226
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APPLICANT:
APPLICANT:
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APPLICANT:
                                                                                                                                                            TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3630R1C21
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Baker, Kevin
APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, E
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-15928US2
                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)..(226)
OTHER INFORMATION: Ceres Seq. ID no. 13498302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Zea mays subsp. mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 64.6%;
Local Similarity 66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
APPLICATION NUMBER: 60/065027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KLPQLCTEL 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6;
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                                                                                                                                                                                                                                                                                                                        Goddard, Audrey
Grimaldi, J. Christopher
Gurney, Austin
                                                                                                                                                                                                                  Zhang, Zemin
Fong, Sherman
                                                                                                                                                                                                                                                      Wood, William
                                                                                                                                                                                                                                                                       Watanbe, Colin
                                                                                                                                                                                                                                                                                        Stephan, Jean-Phillippe
                                                                                                                                                                                                                                                                                                         Smith, Victoria
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85.7%;
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Pred. No. 1.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11; Length 209;
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                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/242,902
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: 10/197942
PRIOR FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/059114
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/063046
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/065027
PRIOR APPLICATION NUMBER: 60/079689
PRIOR APPLICATION NUMBER: 60/079689
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PRIOR APPLICATION NUMBER: 60/07689
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/086478
PRIOR FILING DATE: 1998-05-22
PRIOR PPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR PILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/089801
PRIOR PILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090689
PRIOR FILING DATE: 1998-06-25
PRIOR PR
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APPLICANT: Batton, Dan
APPLICANT: Filvaroff, El
APPLICANT: Goddard, Audt
APPLICANT: Grimaldi, J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/10242902
Publication No. US20060073549A1
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APPLICANT:
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                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zhang, Zemin
APPLICANT: FONG, Sherman
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3630R1C54
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/086478
                                   APPLICATION NUMBER: 60/090689 FILING DATE: 1998-06-25
                                                                                                       APPLICATION NUMBER: 60/090557
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1998-05-22
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4; Conservative
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Watanbe, Colin
Wood, William
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Grimaldi, J. Christopher
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data removed - See File Wrapper or PALM.
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Pred. No.
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; TYPE: PRT; ORGANISM: Homo Sapien US-10-242-902-8
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US-10-243-116-8
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 116
SEQ ID NO 8
LENGTH: 229
TYPE: PRT
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                                                                                                         Query Match
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2002-07-18
PRIOR PELICATION NUMBER: 60/059114
PRIOR PILING DATE: 1997-09-17
PRIOR PAPPLICATION NUMBER: 60/063046
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: PONG, Sherman
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REPERENCE: PS630R1C58
CURRENT APPLICATION NUMBER: US/10/243,116
CURRENT FILING DATE: 2002-09-13
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APPLICANT: Baton, Dan
APPLICANT: Filvaroff, E
                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090689
PRIOR FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/087607 PRIOR FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/086478
PRIOR FILING DATE: 1998-05-22
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PRIOR APPLICATION NUMBER: 60/090557
                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/089801
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PRIOR FILING DATE: 1998-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/065027 PRIOR FILING DATE: 1997-11-10
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                                                                                                                                                              ORGANISM: Homo Sapien
                                                                                      Local
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31 LPEICTQ 37
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                                   2 LPQLCTE 8
                                                                                      Similarity
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Watanbe, Colin
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                                                                     Conservative
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57.1%;
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                                                                     Score 31; DB 9; Length 229; Pred. No. 1.1e+02; 3; Mismatches 0; Indels
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Pred. No. 1.1e+02;
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RESULT 42
US-10-243-136-8
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                                                                                                                 US-10-243-189-8
                                                                                                                                  RESULT 43
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PRIOR APPLICATION NUMBER: 60/059114
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/065027
PRIOR FILING DATE: 1997-11-10
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                                                    Sequence 8, Application US/10243189 Publication No. US20060074033A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 8
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APPLICANT:
APPLICANT:
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APPLICANT: Baker, Kevin
APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, 1
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PRIOR
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CURRENT FILING DATE: 2002-09-12
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PRIOR FILING DATE: 1998-06-25
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                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 229
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FILING DATE: 1998-06-18
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Grimaldi, J. Christopher
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Wood, William
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 Filvaroff, Ellen
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D NOS: 116
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Pred. No. 1.1e+02;
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APPLICANT:

APPLICANT: APPLICANT: APPLICANT:

Goddard, Audrey
Grimaldi, J. Christopher
Gurney, Austin
Smith, Victoria

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RESULT 44
US-10-243-215-8
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; ORGANISM: Homo Sapien
US-10-243-189-8
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NUMBER OF SEQ ID N
SEQ ID NO 8
LENGTH: 229
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PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/065027
PRIOR PILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/079689
PRIOR PILING DATE: 1998-03-27
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, El
APPLICANT: Goddard, Audd
APPLICANT: Grimaldi, J.
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Best Local Similarity
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT: Zhang, Zemin
APPLICANT: Fong, Sherman
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3630R1C27
CURRENT APPLICATION NUMBER: US/10/243,215
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: 10/197942
PRIOR FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/059114
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CURRENT FILING DATE: 2002-09-12
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PRIOR FILING DATE: 2002-07-18
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APPLICATION NUMBER: 60/089801
FILING DATE: 1998-06-18
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APPLICATION NUMBER: 60/090689
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Grimaldi, J. Christopher
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57.1%;
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Pred. No. 1.1e+02;
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APPLICANT: DOMESTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: SECRETED ENCODING THE SAME
FILE REFERENCE: P363OR1C35
FILE REFERENCE: P363OR1C35
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US/10/243,236
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: 10/197942
PRIOR APPLICATION NUMBER: 60/059114
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/065027
PRIOR APPLICATION NUMBER: 60/065027
PRIOR APPLICATION NUMBER: 60/06607
PRIOR FILING DATE: 1997-11-10
PRIOR PILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/086607
PRIOR APPLICATION NUMBER: 60/086607
PRIOR APPLICATION NUMBER: 60/086607
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US-10-243-236-8
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LENGTH: 2:
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, E
APPLICANT: Goddard, Auc
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ORGANISM: Homo Sapien
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OR FILLING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/086478
OR FILLING DATE: 1998-05-22
OR APPLICATION NUMBER: 60/087607
OR FILING DATE: 1998-06-02
OR PILING DATE: 1998-06-02
OR PILING DATE: 1998-06-18
OR PILING DATE: 1998-06-18
OR PILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090557
OR FILING DATE: 1998-06-24
FILING DATE: 1998-06-02
APPLICATION NUMBER: 60/089801
FILING DATE: 1998-06-18
APPLICATION NUMBER: 60/090557
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FILING DATE: 1997-11-10
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Grimaldi, J. Christopher
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Watanbe, Colin
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57.1%;
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Pred. No. 1.1e+02;
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SEQ ID NO 8
LENGTH: 229
TYPE: PRT
ORGANISM: Homo Sapien
US-10-243-236-8
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US-10-243-298-8
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/086478
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087607
PRIOR APPLICATION NUMBER: 60/089801
PRIOR APPLICATION NUMBER: 60/089801
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, El
APPLICANT: Goddard, Audr
APPLICANT: Grimaldi, J
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SEQ ID NO 8
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Matches
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Query Match 64.6%;
Best Local Similarity 57.1%;
Matches 4; Conservative
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/243,298
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: 10/197942
PRIOR APPLICATION NUMBER: 60/059114
PRIOR PILING DATE: 2002-07-18
PRIOR PILING DATE: 2002-09-17
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-06-25
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 116
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PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/065027
PRIOR FILING DATE: 1997-11-10
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                                                                                                  TYPE: PRT
ORGANISM: Homo Sapien
                                                                                                                                        ENGTH: 229
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Watanbe, Colin
Wood, William
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Grimaldi, J. Christopher
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Score 31; DB 9;
Pred. No. 1.1e+02;
3; Mismatches 0
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Pred. No. 1.1e+02;
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                                       Length 229;
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US-10-243-338-8
; Sequence 8, Application US/10243338
; Publication No. US20060073579A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Eston, Dan
; APPLICANT: Filvaroff, Eilen
; APPLICANT: Goddard, Audrey
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; ORGANISM: Homo
US-10-243-304-8
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TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3630R1C42
CURRENT APPLICATION NUMBER: US/10/243,304
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: 10/197942
PRIOR APPLICATION NUMBER: 10/197942
PRIOR APPLICATION NUMBER: 60/059114
PRIOR APPLICATION NUMBER: 60/059114
PRIOR APPLICATION NUMBER: 60/063046
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/065027
PRIOR FILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/079689
PRIOR APPLICATION NUMBER: 60/079689
                                                                                                                                      RESULT 48
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Best Local S
Matches 4
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NUMBER OF SEQ ID NOS: 116
SEQ ID NO 8
LENGTH: 229
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Publication No. US20060073554A1
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, )
APPLICANT: Goddard, Au
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APPLICATION NUMBER: 60/090689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/090557
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APPLICATION NUMBER: 60/
FILING DATE: 1998-06-18
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4; Conserve
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Smith, Victoria
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Filvaroff, Ellen
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Pred. No. 1.1e
3; Mismatches
                                                                                                                                                                                                                                                                                             DB 9;
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Eaton, Dan Filvaroff, Ellen Goddard, Audrey

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; NUMBER OF SEQ ID N
; SEQ ID NO 8
; SEQ ID NO 8
; LENGTH: 229
; TYPE: PRT
; ORGANISM: Homo Sa
US-10-243-338-8
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US-10-243-345-8
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Publication No. US20060073555A1
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        APPLICANT: wood, william
APPLICANT: Zhang, Zemin
APPLICANT: Zhang, Zemin
APPLICANT: Pong, Sherman
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3630R1C33
CURRENT APPLICATION NUMBER: US/10/243,345
CURRENT FILING DATE: 2002-09-12
                                                                                                                                                                                          APPLICANT:
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, I
APPLICANT: Goddard, Auc
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: 95630R1C52
CURRENT APPLICATION NUMBER: US/10/243,338
CURRENT FILING DATE: 2002-09-13
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PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
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PRIOR TILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/059114
PRIOR FILING DATE: 1997-09-17
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PRIOR APPLICATION NUMBER: 10/197942
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APPLICATION NUMBER:
FILING DATE: 1998-03
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4; Conserv
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Grimaldi, J. Christopher
                                                                                                                                                                          Stephan, Jean-Phillippe
Watanbe, Colin
                                                                                                                                                                                                                 Gurney, Austin
Smith, Victoria
                                                                                                                                                                                                                                                                                               Filvaroff, Ellen
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Gurney,Austin
Smith,Victoria
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57.1%;
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Pred. No. 1.1e+0
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/065027
PRIOR APPLICATION NUMBER: 60/079689
PRIOR PILING DATE: 1998-03-27
PRIOR PILING DATE: 1998-05-27
PRIOR PILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/087607
PRIOR APPLICATION NUMBER: 60/087607
PRIOR APPLICATION NUMBER: 60/089801
PRIOR APPLICATION NUMBER: 60/089801
PRIOR APPLICATION NUMBER: 60/090557
PRIOR APPLICATION NUMBER: 60/090699
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 10/197942
PRIOR TILING DATE: 2002-07-18
PRIOR PRIDICATION NUMBER: 60/059114
PRIOR APPLICATION NUMBER: 60/059114
PRIOR APPLICATION NUMBER: 60/063046
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-11-10
PRIOR FILING DATE: 1997-11-10
PRIOR FILING DATE: 1997-11-10
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/086478
PRIOR APPLICATION NUMBER: 60/087607
PRIOR PILING DATE: 1998-06-02
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Matches
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SEQ ID NO 8
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APPLICANT: Eaton, Dan
APPLICANT: Filvaroff, El
APPLICANT: Goddard, Audu
APPLICANT: Grimaldi, J.
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: 93630R1C55
CURRENT APPLICATION NUMBER: US/10/243,357
CURRENT FILING DATE: 2002-09-13
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TYPE: PRT
ORGANISM: Homo Sapien
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Fong, Sherman
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Remaining Prior Application data removed - See File Wrapper or PALM.
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SEQ ID NO 9
LENGTH: 29
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Matches 4; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
Matches 1; III:
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Search completed: May 5, 2006, 08:51:37
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Sequence 2, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 904, App Sequence 6507, Ap Sequence 11, Appl Sequence 11, Appl Sequence 2, Appli Sequence 2, Appli Sequence 46104, A	Sequence 140, App Sequence 137, App Sequence 137, App Sequence 133, App Sequence 137, App Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl	Sequence 248, Appli Sequence 3, Appli Sequence 900, App Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli Sequence 91, Appl Sequence 44, Appl Sequence 44, Appl	Sequence 26, Appl Sequence 27, Appl Sequence 27, Appl Patent No. 5188642 Sequence 971, App Sequence 101, App Sequence 101, App Sequence 16703, Appli Sequence 16703, Appli Sequence 8, Appli Sequence 8, Appli Sequence 18, Appli Sequence 154, App Sequence 154, App	Sequence 55, Appl Patent No. 5310667 Patent No. 5310667 Sequence 4, Appli Patent No. 5310667 Sequence 24, Appl Sequence 1137, Ap Sequence 1154, App Sequence 1154, App Sequence 154, App Sequence 154, App Sequence 1712, Ap Sequence 2712, Ap Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 41, Appli Sequence 11, Appli Sequence 50, Appli Sequence 50, Appli Sequence 50, Appli
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25 53.2 9 25 53.2 9 25 53.2 16 25 53.2 17 25 53.2 17 25 53.2 27 25 53.2 27 25 53.2 27 25 53.2 36 25 53.2 36	957 26 55.3 3433 958 26 55.3 4150 950 25.5 54.3 128 961 25.5 54.3 548 962 25 53.2 9 963 25 53.2 9 964 25 53.2 9 965 25 53.2 9	26 55.3 1778 26 55.3 2008 26 55.3 2008 26 55.3 2644 26 55.3 2713 26 55.3 2713 26 55.3 2730 26 55.3 2930	26 55.3 1001 26 55.3 1079 26 55.3 1079 26 55.3 1129 26 55.3 1124 26 55.3 1124 26 55.3 1124 26 55.3 1124 26 55.3 1254 26 55.3 1254 26 55.3 1254 26 55.3 1254 26 55.3 1255 26 55.3 1255 26 55.3 1255 26 55.3 1255 26 55.3 1255 26 55.3 1255 26 55.3 1255 26 55.3 1255	26 55.3 704 26 55.3 704 26 55.3 774 26 55.3 772 26 55.3 822 26 55.3 885 26 55.3 856 26 55.3 856 26 55.3 856 26 55.3 856 26 55.3 856 26 55.3 856 26 55.3 857 26 55.3 857 26 55.3 857 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928 26 55.3 928
25 53.2 9 2 US 25 53.2 9 2 US 25 53.2 16 2 US 25 53.2 16 2 US 25 53.2 16 4 PC 25 53.2 17 4 PC 25 53.2 27 2 US 25 53.2 27 2 US 25 53.2 36 2 US 25 53.2 36 2 US 25 53.2 36 2 US 25 53.2 36 2 US 25 53.2 37 1 US	957 26 55.3 3433 2 US 958 26 55.3 3433 2 US 959 26 55.3 3433 2 US 960 25.5 54.3 128 2 US 961 25.5 54.3 548 2 US 962 25 53.2 9 1 US 963 25 53.2 9 1 US 964 25 53.2 9 1 US 965 25 53.2 9 1 US	26 55.3 2008 2 US 26 55.3 2008 2 US 26 55.3 2008 2 US 26 55.3 2644 2 US 26 55.3 2704 2 US 26 55.3 2713 4 PC 26 55.3 2719 2 US 26 55.3 2930 2 US	26 55.3 1001 2 US 26 55.3 1002 2 US 26 55.3 1053 2 US 26 55.3 1079 2 US 26 55.3 1125 2 US 26 55.3 1125 2 US 26 55.3 1126 2 US 26 55.3 1129 2 US 26 55.3 1251 2 US 26 55.3 1252 2 US 27 55.3 1420 2 US 28 55.3 1440 2 US	\$\chi_{\chi}\$

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Sequence 159, Application US/08934915

PAttent No. 5932412

GENERAL INFORMATION:
APPLICANT: DILLNER, JOAKIM
APPLICANT: CHENG, HWEE MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
TITLE OF INVENTION: DIAGNOSTIC PURPOSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 1
US-08-934-915-159
                                                            COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,915
FILING DATE: 22-SEP-1997
CLASSIFICATION LATA:
APPLICATION DATA:
APPLICATION NUMBER: 07/949,836
FILING DATE:
APPLICATION NUMBER: 07/949,836
FILING DATE:
NAME: LOUISE A. FOULCh
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                         ADDRESSEE: MASON & A
                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                               STREET: 17757 U.S.
CITY: CLEARWATER
STATE: FLORIDA
COUNTRY: U.S.A.
                                                      TELEFAX: 813-538-3820
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17757 U.S. HWY. 19 NORTH, SUITE 500
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US-09-902-540-12332
US-09-270-767-5137
US-09-270-767-51720
US-09-270-767-51720
US-09-270-767-5184
US-09-270-767-5138
US-09-179-784-14
US-09-179-784-14
US-09-179-784-11-20
US-08-482-111-20
US-08-482-762-22
US-08-482-762-22
US-08-482-762-22
US-08-482-762-22
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US-09-248-796A-26588
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57138, A
20, Appl
20, Appl
12, Appl
111, Appl
101, Appl
3, Appli
26405, A
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22, Appl
22, Appl
22, Appl
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3421, Ap
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12332, A
57137, A
36503, A
51720, A
60059, A
57967, A
6864, Ap
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                                                                                                                                         ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-363-586-4
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Best Local Similarity
Matches 9; Conserv
                                                                        Matches
                                                                                     Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-UUL-1992
APPLICATION NUMBER: EP 91111720.8
FILING DATE: 13-UUL-1991
ATTORNEY/AGENT INFORWATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
                                                                                                                                                                                                                                                   TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mueller, Martin
APPLICANT: Gissmann, Lutz
TITLE OF INVENTION: Use of HPV-16 E6 and E7-Gene Derived
TITLE OF INVENTION: Peptides for the Diagnostic Purpose
                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                    Local Similarity hes 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 20005-3315
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GY: linear
QLCTELQTT 22
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                                                                100.0%; Score 47; DB 1; ilarity 100.0%; Pred. No. 0.055; Conservative 0; Mismatches o
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NESULT 3 US-09-980-523A-4 ; Sequence 4, Application US/09980523A ; Patent No. 6783763

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APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PRO
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCM
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT TILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR FILLING DATE: 1998-05-26
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR FILLING DATE: 1999-01-05
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN VET: 2.1
SEQ ID NO 18
LENGTH: 151
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APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
ITILE OF INVENTION: PROTEINS OF THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR TILING DATE: 1999-06-03
PRIOR TILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOPTWARE: Patentin Ver. 2.1
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US-09-701-080C-18
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                                                                                                                                                RESULT 5
US-09-980-523A-2
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Sequence 2, Application US/09980523A Patent No. 6783763
PRICANT: CHOPPIN, JEANNINE APPLICANT: GUILLET, JEAN-GERARD APPLICANT: GUILLET, JEAN-GERARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18, Application US/09701080C
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Best Local Similarity
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TYPE: PRT
ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 100.0%; Score 47; DB 2; Length 30;
Local Similarity 100.0%; Pred. No. 0.055;
nes 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                  14 QLCTELQTT 22
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APPLICANT: CONNAN, FRANCINE
APPLICANT: PERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 AND E7
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PRATICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
FRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Human Papillomavirus
US-09-980-523A-2
                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 43-5
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGISTRATION UNMBER: 35,205
REFERENCE/DOCKET NUMBER: UNME-0001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 803-9387
INFORMATION FOR SEQ ID NO: 3:

TELEPHONE: RESO ID NO: 3:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wheeler, Co.
APPLICANT: Parmenter, Co.
TITLE OF INVENTION: Mei
TITLE OF INVENTION: Di.
TITLE OF INVENTION: Inc.
TITLE OF INVENTION: Ce.
       TOPOLOGY: no MOLECULE TYPE: HYPOTHETICAL:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                         TYPE: amino e
STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Jagtiani & Associates
STREET: 6126 Rocky Way Court
                                                                                                                          LENGTH:
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protein
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                                                      NSS: not relevant not relevant
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Methods and a Diagnostic Aid for
Methods and a Diagnostic Aid for
Distinguishing a Subset of HPV that is Associated with an
Increased Risk of Developing Cervical Dysplasia and
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Query Match Best Local Similarity

100.0%;

Score 47; DB 1 Pred. No. 0.29;

DB 1; Length 162;

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HYPOTHETICAL: NO US-08-316-239B-4
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                                                                                                              US-08-860-165-14
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US-08-316-239B-4
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           Sequence 14, Application US/08860165A Patent No. 6004557
GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John APPLICANT: COX, John Cooper APPLICANT: WEBB, Elizabeth Ann
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Best Local &
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APPLICANT: COX, John Cooper APPLICANT: WEBB, Elizabeth Ann APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Wheele
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,23
FILING DATE: 30-SEP-1994
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: not relevant TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
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CITY: Centreville
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
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100.0%; Pred. No. 0.29;
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GENERAL INFORMATION:

APPLICANT: Boursnell, Michael
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.

TITLE OF INVENTION: Recombinan
TITLE OF INVENTION: Papilloma

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Recombinant Virus Vectors Papilloma Virus Proteins

Encoding

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CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER FILING DATE: 1997-09-22
EARLIER FILING DATE: 1997-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN NOS: 27
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 14
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                                        RESULT 10
US-08-117-083-10
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Sequence 10, Application US/08117083
Patent No. 5719054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PATENTIN VEr. 2.0
SEQ ID NO 14
LENGTH: 172
                                                                                                                                                                                       Matches
                                                                                                                                                                                                        Query Match
Best Local
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Best Local :
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CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
                                                                                                                                                                                                                                                                                                  LENGTH: 17
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 017227/0148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS FILE REFERENCE: 17227/130
                                                                                                                                                                                                                                                                             ORGANISM: Human papillomavirus type 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
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mes 9; Conserv
                                                                                                              90 QLCTELQTT
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                                                                                                                                                                                     Similarity 9; Conserv
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100.0%; Pred. No. 0.31;
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Pred. No. 0.31;
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Best Local (
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Patent No. 6884786
                                                                              SEQ ID NO 1
LENGTH: 243
                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                      APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-marc
APPLICANT: BALLOUL, Jean-marc
APPLICANT: BIZOUARNE, Nadine
TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/09/462,993
CURRENT FILING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FF98/01576
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILING DATE: 1997-07-18
PRIOR FILING DATE: 1997-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 182 amino acids
                                                                                                                      NUMBER OF SEQ ID NOS: 2:
SOFTWARE: PatentIn Ver.
                                      TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: DS/08/117,083 FILING DATE: 10-SEP-1993 CLASSIFICATION: 435
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CORRESPONDENCE ADDRESS:
ADDRESSEB: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
OTHER INFORMATION: Description of Artificial Sequence:Derivated from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Protein LOCATION: 1..182 OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22
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Similarity 100.0%;
9; Conservative 0
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                                                                                                           23
7. 2.2
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the open reading frame."
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; OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein ; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-09-462-993-1
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US-09-359-382-10
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FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: ECT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
ARRITER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
SEQ ID NO 10
                                                                                                                                                                                                                                                                                       Patent No. 6306397

GENERAL INFORMATION:

APPLICANT: EDWARDS, Stirling John

APPLICANT: COX, John Cooper

APPLICANT: WEBB, Elizabeth Ann

APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Application US/08860165A Patent No. 6004557
GENERAL INFORMATION:
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Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 9; Conserv
                SOFTWARE: PatentIn Ver.
SEQ ID NO 10
LENGTH: 266
                                                                  TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS FILE REFERENCE: 017227/0148
CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
CARALIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
TYPE: PRT
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Pred. No. 0.43;
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Pred. No. 0.47;
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; SOFTWARE: FastSEQ for I
; SEQ ID NO 4
; LENGTH: 273
; TYPE: PRT
; ORGANISM: Homo Bapien
US-09-485-885-4
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TYPE: PRT
CORGANISM: Human papillomavirus type
US-09-367-309A-1
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Query Match 100.0%; Score 47; DB 2; Best Local Similarity 100.0%; Pred. No. 0.49; Matches 9; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09485885 Patent No. 6342224
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Best Local Similarity
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Best Local Similarity
Matches 9; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Patent No. 6428807
                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
RUMBER: OF SEQ ID NOS: 6
COLUMN NUMBER: OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                              FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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ilarity 100.0%;
Conservative 0
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Pred. No. 0.47;
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   0,
                                   Length 273;
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   Indels
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; SOFTWARE: FASTSE
; SEQ ID NO 6
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Homo s
US-09-485-885-6
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                                 Query Match
Best Local Similarity
""" hes 9; Conservi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Watches 9; Conserve
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; ORGANISM: Homo
US-09-485-885-10
                                                                                                                                                                                                                                                                                                                                      Patent No. STATION:
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Bva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
APPLICANT: Lombardo-Bencheikh, Angela
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US-09-485-885-10
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Patent No. 6342224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                       PRIOR FILING DATE: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bruck, Claudine APPLICANT: Cabezon Silva,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  146 QLCTELQTT 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   127 QLCTELOTT 135
1 QLCTELQTT 9
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                                                                                                                                                                                                       FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FastSEQ for Windows Version 3.0
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
                                             100.0%; ilarity 100.0%; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                    sapien
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 47; DB 2
100.0%; Pred. No. 0.52;
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                                                                   Score 47; DB 2
Pred. No. 0.66;
                                                    Mismatches
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                                                                                  DB 2;
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                                                                                 Length 371;
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127

QLCTELQTT 135

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APPLICANT: Benson, Darin R.

APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FILE REFERENCE: 210121.475C10
CCURRENT APPLICATION NUMBER: US/09/854,133
CCURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 735
SOTTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 425
LENGTH: ACC.
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US-09-485-885-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 19
US-09-854-133-425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens US-09-854-133-425
                                 RESULT 20
US-08-466-285-2
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                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 85.,
"---hes 6; Conservative
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PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOPTWARE: PAIRS PAIRS
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SEQ ID NO 14
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Sequence 2, Application US/08466285
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fer
APPLICANT: Gerard, Catherine Marie Ghi
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 845107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
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APPLICANT: Mohamath, Raodoh
APPLICANT: Henderson, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 4019
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                                                                                                                                                                                  2730 QLCTELE 2736
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Gerard, Catherine Marie Ghislaine
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85.7%;
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Sequence 2, Application US/08164768
PATENT NO. 6322794
GENERAL INFORMATION:
APPLICANT: BLEUL, Conrad
APPLICANT: GISSMANN, Lutz

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RESULT 21
US-08-164-768-2
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FILING DATE: 21-SEP-1992

CLASSIFICATION 1424

PRIOR APPLICATION NUMBER: US 07/696,953

APPLICATION NUMBER: US 07/696,953

FILING DATE: 08-MAX-1991

CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION UDBER: P40 15 044.5

FILING DATE: 10-MAY-1990

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 37.540

REFERENCE/DOCKET NUMBER: 05552.1075-03000

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT: Bleul, Conrad
APPLICANT: Gissmann, Lutz
APPLICANT: Muller, Martin
TITLE OF INVENTION: Seroreactive Epitopes On Proteins Of
TITLE OF INVENTION: Human Papillomavirus (HPV)18
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (202)408-400
TELEPAX: (202)408-4400
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
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ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SECURITY OF SECURITY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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CITY: Washington
STATE: D.C.
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FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Finnega
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                            12 LCTELNTS 19
                                                                                                                                                                                                                                      2 LCTELQTT 9
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                                                                                                                                                                                                                                                                                                                                       70.2%; ilarity 75.0%; Conservative
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linear
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Pred. No. 20;
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RESULT 22
US-09-270-767-33527
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                                                                                                                                    ; ORGANISM: Drosophila melanogaster
US-09-270-767-33527
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                                                                                                                                                                                               APPLICANT: Homburger et al.
TITLE OF INVENTION: NuCleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: FORMAN, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 0555
TELECOMMUNICATION INFORMATION:
TELEPAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                  Sequence 33527, Appl. Patent No. 6703491
GENERAL INFORMATION:
                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                   Best Local Similarity
                                                                                                 Query Match
                                                                                                                                                                     LENGTH: 14
TYPE: PRT
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,768
FILING DATE: 10-DEC-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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les 6; Conserv
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CITY: Washington
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STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE:
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KLCTELQ 51
                                 QLCTELQ 7
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                                                                  Conservative
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                                                                                   70.2%;
85.7%;
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                                                                  1; Mismatches
                                                                                  Score 33; DB Pred. No. 85;
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Pred. No. 20;
1; Mismatches
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                                                                                               Length 141;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Drosophila melanogaster US-09-270-767-48744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 23
US-09-270-767-48744
                                                                                                               TELEPAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48744
Best Local Similarity
Matches 6; Conserv
                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10, Application US/08247904B Patent No. 5981699
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Patent No. 6703491
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APPLICANT: Rolfe, Mark
APPLICANT: Eckstein, Jens W.
APPLICANT: Draesta, Giulio
TITLE OF INVENTION: Human Ubiquitin Conjugating Enzyme
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matchew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-029.01
TELECOMMUNICATION INFORMATION:
TELEPHAN: (617) 832-7000
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                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
                                                                                             MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 23-MAY-1994
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: One P
CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: 02109
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   Conservative
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                     70.2%;
75.0%;
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85.7%;
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   1; Mismatches
                     Score 33;
Pred. No.
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Pred. No. 85;
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                                       Length 158;
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   Indels
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RESULT 25
US-08-767-942A-19
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US-08-117-083-14
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Patent No. 6068982
GENERAL INFORMATI
                                                                                                                                                           Sequence 14, Application US/08117083
Patent NO. 5719954
GENERAL INFORMATION:
APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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NFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02109-ZI/U
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-BOS #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-029.04
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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APPLICATION UNMERR: US/08/767,942A
PILING DATE: 17-DEC-1996
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
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APPLICANT: Draetta, Giulio
APPLICANT: Guillaume, Cottarel
TITLE OF INVENTION: UBIQUITIN CONJUGATING ENZYMES
STREET: 4 EHWGE.
CITY: San Francisco
STATE: CA
STATE: TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                         TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human TITLE OF INVENTION: Papilloma Virus Proteins NUMBER OF SEQUENCES: 70
                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
STREET: On
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                                                                      ADDRESSEE:
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Berlin, Vivian
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75.0%;
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    Mismatches

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Query Match
Best Local Similarity
6; Conserv
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                                                                                      US-09-485-885-21
                                                                                                                                     SOFTWALE, SEQ ID NO 21
                                                                                                                                                                                         APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: APPLICANT: APPLICANT: APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-398-3249
TELEX: 910 27729
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 271 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-58
TELECOMPUNICATION INFORMATION:
TELEPHONE: 415-791-1989
TELEFAX: 415-399-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                   LENGTH: 278
TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
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les 6; Conserv
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                                                                                                                                                                             FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                          Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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                Conservative
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75.0%;
                  70.2%; Score 33; DB 2;
75.0%; Pred. No. 1.6e+02;
tive 1; Mismatches 1
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the open reading frame."
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Pred. No. 1.6e+02;
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                                                     Length 278;
                      Indels
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128 LCTELNTS 135

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RESULT 30
US-09-793-998-11
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US-10-104-047-2475
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US-10-104-047-2475
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; ORGANISM: Homo sapien
US-09-485-885-23
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US-09-485-885-23
                                                                                                                                                                                                                                                                                              SEQ ID NO 2475
LENGTH: 1098
TYPE: PRT
Sequence 11, Application US/09793998
Patent No. 6593119
GENERAL INFORMATION:
APPLICANT: KORCZAK, BOZENA
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: HELLX RESEARCH INSTITUTE
TITLE OF INVENTION: No. 6943241el full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
                                                                                                                                                                                                    Matches
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Patent No. 6943241
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Best Local Similarity 75.0%;
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva,
APPLICANT: Delisse, Anne-M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 23, App
Patent No. 63422
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH: 383
                                                                                                                               285 QLCSELQ 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      128 LCTELNTS 135
                                                                                                                                                                  1 QLCTELQ 7
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Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
VENTION: Vaccine
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85.7%;
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Pred. No. 6.4e+02;
1; Mismatches 0
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Pred. No. 2.3e+02
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                                                                                                                                                                                                                                Length 1098;
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; MOLECULE TYPE: US-08-787-547-101
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-793-998-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: LEW, APRIL
TITLE OF INVENTION: NOVEL CORE 2 BETA-1,6-N-ACETYLGLYCOSAMINYLTRANSFERASE
TITLE OF INVENTION: GENE
FILE REFERENCE: GLYCO-16
CURRENT APPLICATION NUMBER: US/09/793,998
CURRENT FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/185,702
PRIOR FILING DATE: 2000-02-29
UNMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 1104
                                                                                                                        TELEFAX: 617-542-8906
TELEX: 2001.54
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 101,
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Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hedley
                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Fraber, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 08191/003001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/787,547
FILING DATE: 22-JAN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING NATE:
FILING NATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Curley, Joanne M.
APPLICANT: Langer, Robert S.
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY
TITLE OF INVENTION: OF NUCLEIC ACID
NUMBER OF SEQUENCES: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 225 F.
CITY: Boston
STATE: MA
                                                                                                                                                                                  TELEPHONE: 617-542-8906
                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              175 QICAEMQT 182
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5783567
                                                                                                         amino acid
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                                                                   peptide
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68.1%; Score 32;
100.0%; Pred. No.
                                                                                                                                                                 101:
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Pred. No. 6.4e+02;
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RESULT 32
US-09-601-729-274
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US-09-248-796A-17743
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                                                                                  US-09-248-796A-17743
                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 17743
LENGTH: 203
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SEQ ID NO 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 17743, Application US/09248796A Patent No. 6747137
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LOING, ESTELLE
APPLICANT: VERWAERDE, CLAUDIE
APPLICANT: GUILLET, JEAN GERARD
TITLE OF INVENTION: LIEDENFIDES CONTAINING AN INTERFERON FRAGMENT AND USES
TITLE OF INVENTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
FILE REFERENCE: USB-97-AU-IN
CURRENT APPLICATION UNDER: US/09/601,729
CURRENT FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: PCT/FR99/00259
PRIOR FILING DATE: 1999-02-05
PRIOR FILING DATE: 1999-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
Best Local Similarity Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: THIAM, KADER
APPLICANT: AURIAULT, CI
APPLICANT: GRAS-MASSE,
                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 98 01439 PRIOR FILING DATE: 1998-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 9
TYPE: PRT
                                                                                                     TYPE: PRT ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 QLCTEL 6
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GRAS-MASSE, HELENE
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Conservative
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100.0%; Pred. No. 4.6e+05;
ative 0; Mismatches 0;
                     68.1%;
87.5%;
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Score 32; DB 2; Le
Pred. No. 1.8e+02;
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                                             Length 203;
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SOFTWARE: Patentin Ver.
SEQ ID NO 32
LENGTH: 236
TYPE: PRT
ORGANISM: Mus musculus
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US-09-634-137-32
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US-09-543-681A-8111
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                                                                                                                                                                    US-09-270-767-33015
                                                                                                                                                                                         RESULT 36
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PATENT NO. 6605709

GENERAL INFORMATION:
APPLICANT: GARY BESTON

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT FILING DATE: 1090-04-05

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344

SEQ ID NO SEQ ID NOS: 8344
Sequence 33015, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sequence 32, Application US/09634137
Patent No. 6632665
GENERAL INFORMATION:
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FILE REFERENCE: wak200/48001/4-018
CURRENT APPLICATION NUMBER: US/09/634,137
CURRENT FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: US 60/148,018
PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Perrino,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 211
TYPE: PRT
ORGANISM: Proteus mirabilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
nes 6; Conserv
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                                                                                                                                                                                                                                                      127 LCTELQ 132
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                                                                                                                                                                                                                                                                                                                                    68.1%; Score 32; llarity 100.0%; Pred. No. Conservative 0; Mismatcl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ION: Mammalian Genes Encoding 3'-5' Exonuclease wak200/48001/4-018
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                                                                                                                                                                                                                                                                                                                                                                               Length 236;
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                                                                                                                             ; TYPE: PRT; ORGANISM: C. elegans US-09-121-964-9
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US-09-121-964-9
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US-09-543-681A-5423
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                                                                                                                                                                                                                                      Sequence 9, Application US/09121964
Patent No. 6124447
GENERAL INFORMATION:
APPLICANT: Natori, Shunji
TITLE OF INVENTION: NOVEL ENZYME CATALYZING DEPHOSPHORYLATION
FILE REFERENCE: 32290-144753
CURRENT APPLICATION NUMBER: US/09/121,964
CURRENT FILING DATE: 1998-07-24
                                                                                                                                                                       NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 771
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GARY ERETON

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT FILING DATE: 2000-04-05

PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344

SEQ ID NO 5423
                                                             Best Local Similarity 77. Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5423, Application US/09543681A Patent No. 6605709
GENERAL INFORMATION:
                                                                                          Query Match
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33015
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TYPE: PRT
ORGANISM: Proteus mirabilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            68.1%;
Local Similarity 75.0%;
es 6; Conservation
421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            238 ELCTTLXTT 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 QLCTELQT 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68.1%;
Similarity 66.7%;
6; Conservation
QLLTSLOTT 429
                              QLCTELQTT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                       ELCGELOT 295
                                                                            68.1%;
77.8%;
                                                       0;
                                                            Score 32; DB 2; 1
Pred. No. 6.8e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 32; DB 2;
Pred. No. 2.3e+02;
1; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 32; DB 2;
Pred. No. 4.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                           Length 771;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
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                                                            Gaps
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GENERAL INFORMATION:
APPLICANT: Ramanathan, Lata
APPLICANT: Seelig, Gail F.
APPLICANT: Tootta, Paul P.
TITLE OF INVENTION: Antibody A:
FILE REFERENCE: JB0059KQ US
                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Watches 5; Conserve
                                                                                                                                   RESULT 40
US-08-271-539-3
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US-08-159-339A-320
                                                                                                   Sequence 3, Application US/08271539 Patent No. 6358509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 320, Apparent No. 6037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILLING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILLING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILLING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005(
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Bindin
TITLE OF INVENTION: Uses
                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: 15
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and
STREET: Two Embarcadero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/01 FILING DATE: 29-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: Two Enwarence CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                   1 QLCTELQ 7
                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                              peptide
                                                                                                                                                                                                                                                                             66.0%;
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ER: 018623-005030US
                  Antagonists of Human Interleukin-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Townsend and Crew LLP Center, Eighth Floor
                                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                             Score 31;
Pred. No.
                                                                                                                                                                                                                                                                                4.6e+05;
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                                                                                                                                                                                                                                                                                              Length 9;
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Best Local Similarity
Watches 5; Conserve
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PRIOR FILING DATE: 1989-12-20
PRIOR PPLICATION NUMBER: PCT/US90/07289
PRIOR PILING DATE: 1990-12-18
PRIOR APPLICATION NUMBER: US 07/859,689
PRIOR PILING DATE: 1992-06-11
NUMBER OF SEQ ID NOS: 46
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                     RESULT 42
US-08-234-812-3
                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens US-09-513-999C-6885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins
Patent No. 6783961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 3
LENGTH: 14
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 6885
                                                                                                                 Sequence 3, Application US/08234812
Patent No. 5557535
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6885, App. Patent No. 678396
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/08/271,539
CURRENT FILING DATE: 1994-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 56
TYPE: PRT
                            APPLICANT: Srinivasan, Subhashini
APPLICANT: Sudarsanam, Padmanaban
TITLE OF INVENTION: METHOD AND SYSTEM FOR PROTEIN MODELING
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
STREET:
                ADDRESSEE:
                                                                                                                                                                                                                                            33 OVCTQLQ 39
                                                                                                                                                                                                                                                                              1 QLCTELQ 7
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3: Seed and Berry
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                 66.0%;
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75.0%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                 Score 31; DB
Pred. No. 78;
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RESULT 43
US-08-663-809-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
TELEX: 3723836 SEEDANBERRY
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Srinive
APPLICANT: Sudarse
            TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PATENT PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/234,812
FILING DATE: 28-APR-1994
CLASSIFICATION: 395
CLASSIFICATION: 395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Pirio, Maurice J.
REGISTRATION NUMBER: 33,273
REFERENCE/DOCKET NUMBER: 48
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Pirio, Maurice J.
REGISTRATION NUMBER: 33,273
REFERENCE/DOCKET NUMBER: 48
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,809
FILING DATE: 14-UN-1996
CLASSIFICATION: 364
CLASSIFICATION: 364
                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHOD AND SYSTEM FOR PROTEIN MODELING NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 6300 C
CITY: Seattle
STATE: Washing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fraccit 66.0%;
Local Similarity 75.0%;
hes 6; Conservative
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ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: 98104-7092
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LENGTH:
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    1: 108 amino acids
amino acid

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ธรร: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Srinivasan, Subhashini
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seed and Berry
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Center,
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                                                                                                                      480052.408C2
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Pred. No. 1.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              701 Fifth Avenue
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US-08-225-224-2
; Sequence 2, Application US/08225224
,; Patent No. 5635599
                                                                                                                                              Query Match
Best Local Similarity
Thes 6; Conserve
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                                                  RESULT 45
                                                                                                                                                                                                                          US-08-049-503-1
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US-08-049-503-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/049,503
FILING DATE: 21-APR-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: POULOS III, JAMES A.
REGISTRATION NUMBER: 31,714
REFERENCE/DOCKET NUMBER: TPP29045
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Apr-
Sequence 1, Apr-
No. 5494662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 703-528-5313
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                      FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM: Hom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: UENO, KOHJI
APPLICANT: KATAYAMA, TERUAKI
APPLICANT: KATAYAMA, TERUAKI
TITLE OF INVENTION: STIMULATOR FOR BONE FORMATION
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 515 N. W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          y match
Local Similarity 75.0%;
Local Similarity 75.0%;
hes 6; Conservative
                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                              23 LCTELTVT 30
                                                                                                                             2 LCTELQTT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 LCTELQTT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LCTELTVT 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/08049503
                                                                                                                                                                                                                                                                                                                                                                             129 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: STEVENS, DAVIS, MILLER & MOSHER, LLP 515 N. WASHINGTON ST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                              Conservative
                                                                                                                                                                                                                                       Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                703-549-7200
                                                                                                                                                                                                                                                                      N-terminal
                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                         66.0%;
75.0%;
                                                                                                                                                           0;
                                                                                                                                                                        Score 31; DB 1;
Pred. No. 1.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 31; DB 1;
Pred. No. 1.5e+02;
                                                                                                                                                              Mismatches
                                                                                                                                                                                        Length 129;
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                                                                                                                                                           Indels
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                                                                                                                                                           Gaps
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NAME: Weber, Ellen L.

REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 1528(
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPHX: (415) 543-9603
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: PASTAN, Ira
APPLICANT: KREITMAN, Robert J.
TITLE OF INVENTION: CIRCULARLY PI
TITLE OF INVENTION: CIRCULARLY PI
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                       Sequence 21, Appli
Patent No. 5783181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation STREET: 709 Swedeland Road, P.O. Box 1539
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/225,224
FILING DATE: 8-APR-1994
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                               APPLICANT: Shatzman, Allan R.
TITLE OF INVENTION: No. 5783181el Compounds
                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
                                                          COUNTRY:
                                                                         CITY: King of Prussia
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1..129
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: unkr
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Steuart Stre
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                   23 LCTELTVT 30
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                                                                                                                                                                                                                                                                                                                                         Application US/08470299
                                                          USA
                                                                                                                                                                                                                    Young, Peter R.
                                                                                                                                                                                                                             Chapman, Conrad G.
Clinkenbeard, Helen
                                                                                                                                                                                                                                                                      Murphy, Kay E.
                                                                                                                                                                                                                                                                                    Browne, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.0%;
75.0%;
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CIRCULARLY PERMUTATED LIGANDS AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 129;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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RESULT 47
US-08-874-697-1
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GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                       APPLICATION NUMBER: 60/019,748
FILING DATE: 14-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,746
PILING DATE: 27-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Huw R. Jones
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL: N
ANTI-SENSE: NO
FRAGMENT TYPE:
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS v. 6.30
SOFTWARE: Word for Windows 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation, Pharmaceutical Division STREET: 400 Morgan Lane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Shanefelt, Armen; Greve, Jeffrey; Gundel, Robert TITLE OF INVENTION: T-cell Selective Interleukin-4 Agonists NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5024
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                               REGISTRATION NUMBER: 33, 916
REFERENCE/DOCKET NUMBER: WH5013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 812-2317
                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Sutton, Jeffrey A. REGISTRATION NUMBER: 34,028 REFERENCE/DOCKET NUMBER: P3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/OFFILING DATE: 06-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: West Haven
                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                          CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   23 LCTELTVI 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                               United States of America
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               812-5492
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Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 129;
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RESULT 48
US-08-722-258-2
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US-08-874-697-1
US-08-722-258-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08722258
Patent No. 6011002
GENERAL INFORMATION:
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Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/722,258
FILING DATE: 08-JAN-1997
CCLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US95/0440
FILING DATE: 06-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/225,224
FILING DATE: 08-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                          TELEFAX: (415) 576-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FIBM PC FC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Circularly Permuted Ligands and TITLE OF INVENTION: Circularly Permuted Chimeric MO NUMBER OF SEQUENCES: 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                          NAME: Weber, Ellen Lauver REGISTRATION INVBER: 32,762 REFERENCE/DOCKET NUMBER: 01: TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                 TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
              LOCATION: 1..129
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                 NAME/KEY: Protein
                                                                                                                      STRANDEDNESS
                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23 LCTELTVT 30
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                                                                                                                                       amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3B: Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor
                                                                                                                                                         129 amino acide
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Puri, Raj K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pastan, Ira
                                                                                                                                                                                                             (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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75.0%;
                /note= "interleukin 4 (IL4)"
                                                                                                                                                                                                                                                                                                                                                                                                             WO PCT/US95/04468
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Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 129;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Molecules
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                                                                                                                                                     RESULT 50
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GENERAL INFORMATION:
APPLICANT: Wild, Ha
APPLICANT: Horlein,
APPLICANT: Apeler,
APPLICANT: Walter
                                                                                             Sequence 16, Application US/08765012A Patent No. 6130318
                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                        Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION: Armen; Greve, Jeffrey; Roczniak, Steven
APPLICANT: Shanafelt, Armen; Greve, Jeffrey; Roczniak, Steven
TITLE OF INVENTION: High-affinity Interleukin-4 Muteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSE: Bayer Corporation, Pharmaceutical Division
STREET: 400 Morgan Lane
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Best Local
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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PILING DATE: 19-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Huw R. Jones
REGISTRATION NUMBER: 33,916
REFERENCE/DOCKET NUMBER: WH5020
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 812-2317
                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word for Windows 6.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/897,
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MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS v. 6.30
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Local Similarity 75.0%;
les 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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06516-4175
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 Wild, Hanno; Hanko, Rudolf; Dorschug, Michael;
Horlein, Hans-Dietrich; Beunink, Jurgen;
Apeler, Heiner; Wehlmann, Hermann; and Sebald,
Walter
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human Interleukin-4 protein
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75.0%;
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Pred. No. 1.8e+02;
0; Mismatches 2;
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Search completed: May Job time: 24.9 secs
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APPLICATION NUMBER: PCT/EP95/02358
FILING DATE: 19-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 44 23 131
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
                                                                                                                                                                                                                                                                           TELEFAX: (914) 332-184.
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acid
                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: BA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.5
SOFTWARE: WordPorfect 3.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,012A
FILING DATE: 19-DEC-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSE: Sprung Kramer Schaefer & Briscoe
STREET: 660 White Plains Road
                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Tarrytown
STATE: New York
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ANTAGONISTS OR PARTIAL AGONISTS OF
HUMAN INTERLEUKIN 4
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Pred. No. 1.8e+02;
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Maximum Match 100%
Listing first 1000
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Perfect score:
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 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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   protein search, using sw model
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Match
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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      Sequence 10, Appl Sequence 1386, Ap Sequence 115784, Sequence 191823, Sequence 567, Appl Sequence 567, Appl Sequence 23, Appl Sequence 94, Appl Sequence 97, Appl Sequence 11, Appl Sequence 11, Appl Sequence 246277, Sequence 10, Appl Sequence 11, Appl Sequence 11, Appl Sequence 10, Appl Sequence 207, Appl Sequence 336747, Sequence 425, Appl Sequence 425, Appl Sequence 425, Appl Sequence 159, Appl Sequence 159, Appl Sequence 157, Appl Sequence 157, Appl Sequence 158, Appl Sequence 157, Appl Sequence 157, Appl Sequence 158, Appl Sequence 158, Appl Sequence 159, Appl Sequence 175677, Sequence 159, Appl Sequence 17567, Appl Sequence 
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37 31 66. 38 31 66. 39 31 66. 40 31 66. 41 31 66. 42 31 66. 44 3 31 66. 46 31 66.	30 31 66. 31 31 66. 32 31 66. 33 31 66. 35 31 66. 36 31 66.	222 31 66. 224 31 66. 225 31 66. 226 31 66. 227 31 66. 229 31 66.	112 31 66. 114 31 66. 116 31 66. 117 31 66. 117 31 66. 117 31 66. 117 31 66. 117 31 66.		31 66. 31 66. 31 66. 31 66.
31 66.0 284 38 31 66.0 284 39 31 66.0 284 41 31 66.0 284 41 31 66.0 284 42 31 66.0 284 43 31 66.0 284 44 31 66.0 284 45 31 66.0 284 46 31 66.0 284 46 31 66.0 284	31 31 66.0 284 32 31 66.0 284 32 31 66.0 284 33 31 66.0 284 34 31 66.0 284 35 31 66.0 284 36 31 66.0 284	22 31 66.0 231 23 31 66.0 231 24 31 66.0 244 25 31 66.0 245 26 31 66.0 245 27 31 66.0 245 28 31 66.0 245 29 31 66.0 245 29 31 66.0 245	112 31 66.0 153 113 31 66.0 158 114 31 66.0 158 115 31 66.0 158 116 31 66.0 160 117 31 66.0 199 118 31 66.0 214 119 31 66.0 221 20 31 66.0 230 21 66.0 230	79 31 66.0 129 82 31 66.0 129 82 31 66.0 129 83 31 66.0 129 84 31 66.0 129 86 31 66.0 129 87 31 66.0 129 88 31 66.0 129 88 31 66.0 129 89 31 66.0 129 90 31 66.0 130 90 31 66.0 130 90 31 66.0 130 90 31 66.0 130 91 31 66.0 130 92 31 66.0 130 93 31 66.0 130 94 31 66.0 130 95 31 66.0 130 96 31 66.0 130 97 31 66.0 153 98 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153 99 31 66.0 153	31 66.0 129 31 66.0 129 31 66.0 129 31 66.0 129 31 66.0 129
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAUTT-VILLADA, Isabelle
APPLICANT: BOURGAUTT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Maxture of paptides derived from E6 and/or E7
TITLE OF INVENTION: Maxture of paptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: PC7/FR02/01533
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 20
LENGTH: 15
RESULT 2
US-10-476-570-21
; Sequence 21, Application US/10476570
; Publication No. US20040170644A1
; GENERAL INFORMATION:
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US-10-150-811-58
US-99-746-919-2
US-99-910-406C-2
US-99-910-406C-4
US-10-029-890-2
US-10-346-269-2
US-10-694-247-2
US-10-683-214-1
US-10-683-214-2
US-10-719-472-2
US-10-719-472-2
US-10-825-068-2
US-10-825-068-3
US-10-825-068-3
US-10-825-068-3
US-10-884-741-3
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APPLICANT: POUVELLE-WORATILLE,
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR PILING DATE: 2002-05-03
PRIOR PILING DATE: 2002-05-03
PRIOR PILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 15
                                                                                                                                                                                                                                          APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
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PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 21
TYPE: PRT
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                                                                               Query Match
Best Local S
Matches 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard BOURGATUT-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra APPLICANT: POUVELLE-MORATILLE, Sandra
                                                                                                                                                                          ORGANISM: artificial sequence FEATURE: OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-34
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TYPE: PRT
ORGANISM: artificial sequence
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QLCTELQTT 16
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RESULT 4 US-11-021-949-1

Sequence 1, Application US/11021949 Publication No. US20050142541A1

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APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2001-05-04
NUMBER OF SE0 ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 53
LENGTH: 30
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-1
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Best Local S
Matches 9
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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Best Local S
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
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TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                     TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                       PEATURE:
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9; Conserve
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9; Conserv
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DIAZ-SARMIENTO, CHAMORRO SOMOZA
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   QLCTELQTT 15
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                                                                                          100.0%; Score 47; DB 100.0%; Pred. No. 0.2;
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                                                                                                            DB 4; Length 30;
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CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
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Publication No. US20050033025A1
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SEQ ID NO 4
LENGTH: 30
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
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Best Local
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Query Match
Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: papillomavirus proteins and uses thereof
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                                                                                                                                             TYPE: PRT ORGANISM: artificial sequence
                                                                                                 OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-45
                                                                                                                       FEATURE:
                                                                                                                                                                                      LENGTH: 32
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Similarity 100.0%;
9; Conservative 0
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GUILLET, JEAN-GERARD
CONNAN, FRANCINE
FERRIES, ESTELLE
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  Conservative
                     100.0%; Score 47; DB 4; 100.0%; Pred. No. 0.21;
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      Mismatches
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION UNMBER: US/10/476,570
CURRENT PILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FCT/FR02/01533
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                                                                                                                                                                                                     ; LENGTH: 151
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-177-390-6
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US-10-476-570-19
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CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/10177390 Publication No. US20030143743A1 GENERAL INFORMATION:
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LENGTH: 33
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Schuler, Gerold

APPLICANT: N.V. Antwerps Innovatiecentrum

ITITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear

TITLE OF INVENTION: Polynucleotides by Electroporation
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SOFTWARE: PatentIn Ver. 2.1
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Local Similarity 100.0%; Pred. No. 0.22;
hes 9; Conservative 0; Mismatches 0; Indels
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                                                                                                  Similarity 9; Conserv
QLCTELQTT 22
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Conservative
                                                                                                                     100.0%; Score 47; DB 4
100.0%; Pred. No. 0.99;
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RESULT 10

US-10-858-384-2

Sequence 2, Application US/10858384 Publication No. US20050033025A1 GENERAL INFORMATION:

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; ORGANISM: Human papillomavirus type 16
US-10-484-063-27
RESULT 12
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                                                                                                                                      Query Match
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Matches 9
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                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 151
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Publication No. US20050048467A1
GENERAL INFORMATION:
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APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLER, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 151
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                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
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CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
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Pred. No. 0.99;
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                                                                                                                                        Gaps
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; ORGANISM: Human Papillomavirus
US-10-858-384-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-367-057-16
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                                                                                                                                                                                     US-11-021-949-13
                                                                                                                                                                                                       RESULT 14
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Publication No. US20050100554A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                             Sequence 13, Application US/11021949 Publication No. US20050142541A1 GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 0508-1037-1
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using
FILE REFERENCE: 21402-559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: FR 9907012 PRIOR FILING DATE: 1999-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 198
SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cuthill, Scott; APPLICANT: Jackson, Amand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE:
                                                    APPLICANT: LU, PETER
APPLICANT: GARMAN, J
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARV
 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 158
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 158
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T: GARMAN, JONATHAN DAVID
T: BELMARES, MICHAEL P.
T: DIAZ-SARMIENTO, CHAMORRO SOMOZA
T: SCHWEIZER, JOHANNES
INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF
INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                   1 QLCTELQTT 9
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Lewin, David A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                        100.0%; llarity 100.0%; Conservative 0
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-10-472-724-2
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                                                                                                                                                                                                                                                                                   US-11-072-288-1
                                                                                                                                                                                                                                                                                                      RESULT 16
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                                                                                                                                                          Sequence 1, Application US/11072288
Publication No. US20050159386A1
GENERAL INFORMATION:
APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
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Publication No. US20040171806A1
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CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zur Hausen, Harald
TITLE OF INVENTION: Modified HPV E6 and E7
FILE REFERENCE: 4121-154
CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: ECT/EP02/03271
PRIOR PILING DATE: 2002-03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: EP 01107271.7 PRIOR FILING DATE: 2001-03-23
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TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION PILE REFERENCE: 017753-122 US/11/072,288 CURRENT APPLICATION NUMBER: US/09/462,993 PRIOR APPLICATION NUMBER: US/09/462,993 PRIOR PILING DATE: 2000-04-17 PRIOR APPLICATION NUMBER: US/09/467,993 PRIOR PILING DATE: 2000-04-17 PRIOR APPLICATION NUMBER: US/09/1576
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 158
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 100.0%; Score 47; D tocal Similarity 100.0%; Pred. No. 1; es 9; Conservative
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Pred. No. 1.1;
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LENGTH: 266
TYPE: PRT
                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09367309A Publication No. US20020081329A1 GENERAL INFORMATION:
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Publication No. US20020182221A1
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        FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: CT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MACFARLAN, RODERICK I. APPLICANT: MALLIAROS, JIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.2
                                                                                                                                           TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: AU PO 5178 PRIOR FILING DATE: 1997-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/AU98/00080 PRIOR FILING DATE: 1998-02-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES FILE REFERENCE: 017227/0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Human papillomavirus type 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y Match 100.0%; Score 47; DB 3; Length 266;
Local Similarity 100.0%; Pred. No. 1.7;
hes 9; Conservative 0; Mismatches 0; Indels
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FILING DATE: 1997-08-22
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Pred. No. 1.6;
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Sequence 4, Application US/10899771
Publication No. US20050031638A1
GENERAL INFORMATION:
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papil
TITLE OF INVENTION: and Fusion Proteins Adjuvanted wit
FILE REFERENCE: B45124
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 2000-06-20
           APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT APPLICATION NUMBER: PCT/EP98/05285
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR APPLICATION NUMBER: PCT/EP98/05285
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US-10-000-903-10
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Best Local Similarity
Thes 9; Conserve
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US-10-899-771-4
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                                                                                                                                                                                                                                               Sequence 10, Application US/10000903 Publication No. US20020182221A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOPTWARE: FastSEQ for Windows Version 3.0
PRIOR APPLICATION NUMBER: GB 9717953.5
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TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and E6 from Human papilloma virus OTHER INFORMATION: 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                    127 QLCTELQTT 135
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9; Conserv
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Pred. No.
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juvanted with a CpG Oligonucleotide
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PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR APPLICATION P198-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
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; ORGANISM: Homo sapien
US-10-000-903-10
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT APPLICATION NUMBER: DCT/EP98/05285
PRIOR APPLICATION DATE: 2001-10-01
PRIOR APPLICATION DATE: 1998-08-17
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LENGTH: 292
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Best Local Similarity
Matches 9; Conserv
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Publication No. US20020182221A1
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NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type OTHER INFORMATION: 16)
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US-10-899-771-6
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US-10-899-771-6
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1997-12-24
PRIOR FILING DATE: 1997-12-24
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Sequence 14, Application US/10000903
Publication No. US20020182221A1
GENERAL INFORMATION
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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Publication No. US20050031638A1

GENERRAL INFORMATION:
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                          APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REPERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
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TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
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Local Similarity 100.0%;
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Pred. No.
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Sequence 10, Application US/10367095

Publication No. US20030228696A1

GENERAL INFORMATION:
APPLICANT: Robin A. Robinson
TITLE OF INVENTION: No. US20030228696A1el Insect Cell Line
FILE REFERENCE: 44149-1US1
CURRENT APPLICATION NUMBER: US/10/367,095
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
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US-10-367-095-10
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US-10-899-771-14
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US-10-899-771-14
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR PLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
PRIOR FILING DATE: 1997-12-24
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US-10-000-903-14
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Best Local S
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APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Mari
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LENGTH: 390
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TITLE OF INVENTION: Compositions Comprising Human Pa
TITLE OF INVENTION: and Fusion Proteins Adjuvanted
FILE REFERENCE: B45124
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PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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SOFTWARE: FastSEQ for Windows Version 3.0
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Local Similarity 100.0%;
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Pred. No. 2.5;
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Pred. No. 2.5;
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Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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Publication No. US20040063188A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
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PRIOR APPLICATION NUMBER: US 60/356,133
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Method for Isolation and Purification TITLE OF INVENTION: Expressed Gene Products In Vitro FILE REFERENCE: 44149-3US1
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PRIOR APPLICATION NUMBER: US 60/356,156
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TYPE: PRT
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tes 9; Conserv
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APPLICATION NUMBER: US
FILING DATE: 2002-02-14
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FILLING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,133
FILING DATE: 2002-02-14
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100.0%; Pred. No. :
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Sequence 10, Application US/10918337

; Bequence 10, Application US/10918337

; Publication No. US20050118191A1

; GENERAL INFORMATION:
APPLICANT: NOVAVAX, INC., et al.
; TITLE OF INVENTION: Optimization of Gene Sequences of TITLE OF INVENTION: Chimeric Virus-Like Particles for TITLE OF INVENTION: Chimeric Virus-Like Particles for TITLE OF INVENTION: UNMBER: US/10/918,337

; CURRENT APPLICATION NUMBER: US/10/918,337

; CURRENT FILING DATE: 2004-08-13

; PRIOR APPLICATION NUMBER: PCT/US03/04473

; PRIOR APPLICATION NUMBER: US 60/356,119

; PRIOR PILING DATE: 2003-02-14

; PRIOR PILING DATE: 2002-02-14
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US-10-367-367-10
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Best Local Similarity
Matches 9; Conserv
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SEQ ID NO 10
LENGTH: 536
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PRIOR FILING DATE: 2002-02-14
PRIOR PPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
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TITLE OF INVENTION: Virus-Like Particles for Expre
FILE REFERENCE: 44149-2US1
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PRIOR FILING DATE:
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: US 60/356,156
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llarity 100.0%;
Conservative 0;
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NUMBER: US 60/356,161
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PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1386
LENGTH: 48
TYPE: PRT
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US-09-925-299-1386
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                                                                                                   US-09-925-299-1386
Query Match
Best Local Similarity 87.3
Thes 7; Conservative
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Matches 9; Conserv
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/356,156 PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/356,123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: PA102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/356,157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/356,133
                                                                                                                 OTHER INFORMATION: Xaa equals any of the naturally occurring
                                                                                                                                                      OTHER INFORMATION:
NAME/KEY: SITE
                                                                                                                                                                                          OTHER INFORMATION:
NAME/KEY: SITE
LOCATION: (15)
                                                                                                                                                                                                                                                                                       LOCATION: (5)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 536
                                                                                                                                                                                                                                                   NAME/KEY: SITE LOCATION: (13)
                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                        LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/356,118
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                                                                                                                                        (40)
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                                                                                                                                                                          Xaa equals
                                                                                                                                                                                                                                    Xaa equals any of the naturally occurring
                                                                                                                                                                                                                                                                                       Xaa equals any of
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                                                                                                                                                                            any of the naturally occurring L-amino acids
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78.7%; 87.5%;

Score 37; DB Pred. No. 20; 0; Mismatches

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Indels

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Gaps

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DB 3;

Length 48,

US-09-925-299-1386

RESULT 31

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LCTELOVT 33

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CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1386
LENGTH: 48
TYPE: PRT
ORGANISM: Homo maplens
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                TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21 (53221) B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 204966 SEQ ID NO 115784 LENGTH: 587
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                               Sequence 115784, Application US/10437963 Publication No. US20040123343A1
                                                                                                                                                                                APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                  APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: wu, Wei
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LOCATION: (13)
OTHER INFORMATION: X
NAME/KEY: SITE
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OTHER INFORMATION: X
NAME/KEY: SITE
LOCATION: (40)
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TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERENCE: PA102
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (5)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: SITE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 LCTELOVT 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           h 78.7%;
Similarity 87.5%;
7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LCTELQTT 9
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Barbazuk, Brad
                                                                                                                                                                                Ping
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          of the
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 122232
LENGTH: 853
TYPE: PPT
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Best Local Similarity
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US-10-437-963-122232
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                                                                 GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 191823
                                                                                                                                                                                                             Sequence 191823, Application US/10424599 Publication No. US20040031072A1
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                                                                                                                                                                                                                                                                                                                                                                                                             Best
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Co. V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: unsure
LOCATION: (1).. (853)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Oryza sativa
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NAME/KEY: unsure
LOCATION: (1)...(587)
OTHER INFORMATION: unsure at all Xaa locations
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les 6; Conserv
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77.8%;
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Pred. No. 3.5e+02;
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Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                           DB 4; Length 853,
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, OTHER INFORMATION: Clone ID: PAT_MRT3847_15236C.1.pep US-10-424-599-191823
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US-10-369-493-1712
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US-10-282-122A-70249
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Best Local Similarity
7; Conserv
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52652)B
CURRENT APPLICATION NUMBER: US(10/369,493)
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR PRICH DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 1712
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Best Local Similarity 87.5%;
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Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                     GENERAL
                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                      APPLICANT: Wang, Lianggu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                             APPLICANT:
                                                 APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
             PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
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TYPE: PRT
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                     INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 357 QLCEELQT 364
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                                                                                                                                                                                                   Wall, Daniel
Trawick, John
                                                                                                                                                                                                                                      Ohlsen, Kari
Zyskind, Judith
                                                                                                                                           Forsyth, R.
                                                                                                                                                             Yamamoto, Robert
                                                                                                                                                                                  Carr, Grant
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87.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 36; DB 4;
Pred. No. 3e+02;
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Pred. No. 35;
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; ORGANISM: Staphylococcus aureus US-10-282-122A-70249
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US-10-857-625-567
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                                                                                                                                     ORGANISM: Staphylococcus aureus US-10-857-625-567
                                                                                                                                                                         NUMBER OF SEQ ID NOS: 833
SOPTWARE: PatentIn version 3.1
SEQ ID NO 567
LENGTH: 158
Type:
                                                                                                                                                                                                                                                      APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Zamudio, Carlos
TITLE OF INVENTION: MICROBIAL OPERONS
FILB REFERENCE: ELITRA.036A
CURRENT APPLICATION NUMBER: US/10/857,6
CURRENT FILING DATE: 2004-05-28
PRIOR APPLICATION NUMBER: 60/474768
PRIOR FILING DATE: 2003-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 70249
LENGTH: 158
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Publication No. US20050026189A1
GENERAL INFORMATION:
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                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-05-23
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                                                                                                                                                                       TYPE: PRT
                                                                Local Similarity 75.0
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APPLICATION NUMBER: 60/253,625
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2000-11-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
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LCVEIQTT 64
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                                                                                    74.5%;
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                                                                  Score 35; DB 5; 1 pred. No. 1.5e+02; 1; Mismatches 1
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Pred. No. 1.5e+02
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RESULT 38
US-10-820-155-14
Sequence 14, Application US/10820155
Publication No. US20050137126A1
GENERAL INFORMATION:

APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian

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FILE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 239
TYPE: PAT
ORGANISM: Mus musculus
US-10-820-155-23
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Sequence 30, Application US/10820155
Publication No. US20050137126A1
GENERAL INFORMATION:
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; SEQ ID NO 14
; LENGTH: 239
; TYPE PRT
; ORGANISM: Mus musculus
US-10-820-155-14
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin version 3.1
SEQ ID NO 30
LENGTH: 239
TYPE: PRT
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Best Local Similarity 87.9
Matches 7; Conservative
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Best Local Similarity 87.5%;
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Publication No. US20050137126A1
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                                                                                                                                    APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Kongerslev, Finn
APPLICANT: Matthiesen, Finn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Treatment of SARS in individuals FILE REFERENCE: P 774 US00 CURRENT SEPLICATION NUMBER: US/10/820,155 CURRENT FILING DATE: 2004-04-08 NUMBER OF SEQ ID NOS: 137
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87.5%;
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Pred. No. 2.3e+02;
0; Mismatches 1
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Pred. No. 2.3e+02;
0; Mismatches 1
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GENERAL INFORMATION:

APPLICANT: NatImmune A/S

APPLICANT: Weilguny, Dietmar

APPLICANT: Weilguny, Dietmar

APPLICANT: Wongerslev, Leif

APPLICANT: Kongerslev, Leif

APPLICANT: Matthiesen, Finn

TITLE OF INVENTION: Treatment of SARS in individuals

FILE REFERENCE: P 774 US00

CURRENT APPLICATION NUMBER: US/10/820,155

CURRENT FILING DATE: 2004-04-08

NUMBER OF SEG ID NOS: 137

SOFTWARE: Patentin version 3.1

SEQ ID NO 39

LENGTH: 239

LENGTH: 239

TYPE: PRT

ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                  Sequence 85, Application US/10820155
Publication No. US/20050137126A1
GENERAL INFORMATION:
APPLICANT: WatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Mathliesen, Finn
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                                                                                                                                ; TYPE: PRT
; ORGANISM: Mus musculus
US-10-820-155-85
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Best Local Similarity
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Best Local S
Matches 7
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SEQ ID NO 85
LENGTH: 239
                                                                  Matches
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Publication No. US20050137126A1
                                                                                                                                                                                                                                TITLE OF INVENTION: Treatment of SARS in individuals FILE REFERENCE: P 774 US00
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
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Local Similarity 87.5%;
les 7; Conservative
145 LCTELQGT 152
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                                 2 LCTELQTT 9
                                                             74.5%;
Similarity 87.5%;
7; Conservation
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87.5%;
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                                                                Score 35; DB 5;
Pred. No. 2.3e+02;
0; Mismatches 1
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Pred. No.
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Pred. No. 2.3e+02;
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2.3e+02;
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US-10-820-155-94

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APPLICANT: Kongerslev, Leir
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOPTWARE: Patentin version 3.1
SEQ ID NO 94
LENGTH: 239
TYPE: PAT
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (91)...(116)
OTHER INFORMATION: Unknown
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Sequence 97, Application US/10820155
Publication No. US20050137126A1
GENERAL INFORMATION:
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RESULT 45
US-10-424-599-246277
US-10-424-599-246277, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La ROSa Thomas J
                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Mus musculus
US-10-820-155-97
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Publication No. US20050137126A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PatentIn version 3.1
SEQ ID NO 97
LENGTH: 239
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Best Local Similarity 87.5%;
Matches 7; Conservative
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APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
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APPLICANT: Weilgury, Dietmar
APPLICANT: Weingury, Dens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
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                                                                                                                                                          145 LCTELQGT 152
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87.5%;
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0; Mismatches
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Pred. No. 2.3e+02;
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Sequence 9, Application US/10127816
Publication No. US20030104416A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Fox, Brian A.
APPLICANT: Klucher, Kevin M.
APPLICANT: Taft, David W.
APPLICANT: Kindsvogel, Wayne R.
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US-10-767-701-37218
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                                                                                                                                                                                                US-10-127-816-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Chou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE REFERENCE: 38-21(53535)B
FILE REFERENCE: 38-21(53535)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT PILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 37218
LENGTH: 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION SUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 246277
TENCTH: DIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 37218, Application US/10767701 Publication No. US20040172684A1
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                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                              Matches
APPLICANT: Taft, David W.
APPLICANT: Kindsvogel, Wayne R.
TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Clone ID: PAT_MRT3847_6441C.1.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Glycine FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(120)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Clone ID: SORBI-28MAY03-C2069_1.pep
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ORGANISM: Sorghum bicolor
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                                                                                                                                                                                                                                                                                     111 LCSELOST 118
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66.7%;
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Pred. No. 1.5e+02;
2; Mismatches 1
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Pred. No. 1.8e+02;
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CURRENT APPLICATION NUMBER: US/10/127,816
CURRENT FILING DATE: 2002-04-19

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; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11
; SEQ ID NO 11
LENGTH: 202
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-127-816-11
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; LENGTH: 202
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-127-816-9
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APPLICANT: Kindsvogel, Wayne R.

FITLE OF INVENTION: CYTOKINE PROTEIN FAMILY

FILE REFERENCE: 01-17

CURRENT APPLICATION NUMBER: US/10/127,816

CURRENT FILING DATE: 2002-04-19

PRIOR APPLICATION NUMBER: US 60/285,408

PRIOR FILING DATE: 2001-04-20

PRIOR APPLICATION NUMBER: US 60/286,482

PRIOR APPLICATION NUMBER: US 60/286,482

PRIOR FILING DATE: 2001-04-25

PRIOR APPLICATION NUMBER: US 60/341,050

PRIOR APPLICATION NUMBER: US 60/341,050

PRIOR FILING DATE: 2001-04-25

PRIOR FILING DATE: 2001-04-25

PRIOR FILING DATE: 2001-04-25

PRIOR FILING DATE: 2001-04-25
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PRIOR FILING DATE: 2001-04-20
PRIOR PELICATION NUMBER: US 60/286,482
PRIOR FILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: US 60/341,050
PRIOR FILING DATE: 2001-10-22
PRIOR FILING DATE: 2001-10-22
PRIOR FILING DATE: 2001-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Fox, Brian A.
APPLICANT: Klucher, Kevin M
APPLICANT: Taft, David W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, Application US/10127816 Publication No. US20030104416A1
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Matches 6; Conservative
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PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 09/895,834
PRIOR FILING DATE: 2001-06-29
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SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/285,424
PRIOR FILING DATE: 2001-04-20
                                                                                        Local Similarity les 6; Conserv
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QTCTQLOAT 147
                                              QLCTELQTT 9
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                                                                                                                   72.3%;
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                                                                                          Score 34; DB 4; Length 202; Pred. No. 3e+02; Indels
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Pred. No. 3e+02;
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Sequence 12, Application US/10142717
Publication No. US20030104579A1
GENERAL INFORMATION:
APPLICANT: Immunex Corporation
APPLICANT: Baum, Peter R
APPLICANT: Mosley, Bruce A
APPLICANT: Ketchem, Randal R
APPLICANT: Taylor, Scott L
APPLICANT: Taylor, Scott L
                                                   Query Match
Best Local Similarity
Watches 6; Conserv
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US-10-142-717-12
                                                                                                                                                PRIOR APPLICATION NUMBER: 60/373,813
PRIOR FILING DATE: 2002-04-19
NUMBER OF SEQ ID NOS: 69
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 60
LENGTH: 202
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 60, Application US/10420034A Publication No. US20040029228A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/142,717
CURRENT FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 202
TYPE: PRT
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
Matches 6; Conserv
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TITLE OF INVENTION: CYTOKINE RECEPTOR
FILE REFERENCE: 02-10
                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/420,034A CURRENT FILING DATE: 2003-04-18
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TITLE OF INVENTION: CYTOKINE POLYPEPTIDES
FILE REFERENCE: 3282-A
139 QTCTQLQAT 147
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                                   1 QLCTELQTT 9
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No. US20040029228Alak,
Whitmore, Theodore E.
                                                                                                                                                                                                                                                                                                                                                                          Grant, Francis J.
Kindsvogel, Wayne R.
                                                                   Conservative
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Pred. No.
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Pred. No. 3e+02;
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3e+02;
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1: /SIDSS/ptodata/1/pubpaa/US06_NEW_PUB.pep1:*

2: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

3: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

4: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

5: /SIDSS/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

6: /SIDSS/ptodata/1/pubpaa/US09_NEW_PUB.pep:*

7: /SIDSS/ptodata/1/pubpaa/US09_NEW_PUB.pep1:*

8: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep1:*

9: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep1:*

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US-11-92-662-10

US-11-192-662-10

US-11-193-955-8

1 US-11-193-955-8

1 US-11-266-626-11

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Sequence 13, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 5, Appli
Sequence 7, Appli
Sequence 2, Appli
Sequence 11, Appl
Sequence 10, Appli
Sequence 11, Appli
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Sequence 6055, Ap
Sequence 2475, Ap
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      9 US-10-519-390-15
11 US-11-176-830-207
11 US-11-176-830-548
11 US-11-176-830-549
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11 US-11-176-830-559
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11 US-11-176-830-553
11 US-11-176-830-556
11 US-11-176-830-556
11 US-11-176-830-566
11 US-11-17
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Sequence 6100, Ap Sequence 52, Appl Sequence 1425, Ap Sequence 5279, Ap Sequence 156, App Sequence 156, App Sequence 171, App Sequence 145, App Sequence 145, App Sequence 145, App Sequence 145, App Sequence 1337, Ap	Sequence 12, Appl Sequence 11, Appl Sequence 3253, A Sequence 30678, Sequence 6550, A Sequence 3055, A	Sequence 2424, Ap Sequence 27327, A Sequence 1309, Ap Sequence 201, App	Sequence 2425, Ap Sequence 3524, Ap Sequence 3452, Ap	Sequence 813, App Sequence 27328, A Sequence 2953, Ap	Sequence 100, App Sequence 341, App	Sequen	Sequenc	equenc equenc	Sequence 4, Appli Sequence 102, App	Sequence 56, Appl Sequence 185, App	Sequence 593, App Sequence 704, App	Sequence 449, App Sequence 39, Appl	Sequence 304, App Sequence 432, App Sequence 7 Appli	Sequence 306, App Sequence 434, App	Sequence 305, App Sequence 433, App	Sequence 552, App Sequence 8, Appli	Sequence 548, App Sequence 550, App	Sequence 544, App Sequence 546, App	Sequence 486, App Sequence 526, App	Sequence 10, Appl	Sequeno	Sequence 502, App	Sequence 31776, A	7 g	60,
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US-10-530-253-13
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Matches
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Publication No. US20060014926A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER DE SECT IN NOS. 65
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Best Local &
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
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Sequence 5806, Ap
Sequence 166, App
Sequence 28559, A
Sequence 33858, A
Sequence 7170, Ap
Sequence 4, Appli
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Sequence 3517, Ap
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Sequence 17567, A
Sequence 16681, A
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Sequence 430, App
Sequence 17, Appl
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Sequence 36, Appl
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GENERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Smith, Larry

APPLICANT: Jeffrey K. Pullen

APPLICANT: Susan P. McElhiney

ITLE OF INVENTION: HUMAN PAPLICMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 00630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530,253

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR FILING DATE: 2003-10-03

INUMBER OF SEQ ID NOS: 65

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 248
               Sequence 3, Application US/10530253

Publication No. US20060014926A1

GENERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Susan P. McElhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND
FILE REFERENCE: 00630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530,253

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR PILING DATE: 2005-10-02
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US-10-530-253-3
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-11-206-138-3
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TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer
FILE REFERENCE: P7819/0613
CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3
LENGTH: 158
TYPE- DETERMINENTION OF SECURIARY SOFTWARE: PATENTING DATE: 158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 248
TYPE: PRT
ORGANISM: Human |
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PRIOR APPLICATION NUMBER: US 60/415,929
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nes 9; Conserv
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100.0%; Pred. No. 0.0
vative 0; Mismatches
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Sequence 7, Application US/10530253

Publication No. US20060014926A1

GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
PILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: D005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-3
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US-10-530-253-5
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 248
TYPE: PRT
ORGANISM: Human papillomavirus type 16
S-10-530-253-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Seffrey K. Pullen
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: ON INVENTION: HUMAN PAPLICOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
CURRENT FILING DATE: 2005-04-04
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Best Local (
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NO 7
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ilarity 100.0%; Pred. No. 0.036;
Conservative 0; Mismatchor
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-7
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US-10-530-253-11
                                     , ORGANISM: Human papillomavirus type 16 US-10-530-253-11
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.1 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-40-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
AUMBER OF SEQ ID NOS: 65
                                                                            SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENCTH: 248
TYPE: PRT
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Best Local Similarity
                                                                                                                                                                              APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McBhiney
APPLICANT: Susan P. McBhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION UNMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
                                                                                                                                                                 NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Human papillomavirus type 16
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100.0%; Pred. No. 0.036;
tive 0; Mismatches
100.0%; Score 47;
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Pred. No. 0.036;
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  Length 248;
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Query Match

Best Local Similarity

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CURRENT APPLICATION NUMBER: US/11/098,662; CURRENT FILING DATE: 2005-04-04; NUMBER OF SEQ ID NOS: 136; SOFTWARE: FASTSEQ for Windows Version 4.0; SEQ ID NO 8; SEQ ID NO 8; LENGTH: 202; TYPE: PRT; ORGANISM: Mus musculus
US-11-098-662-8
RESULT 11
US-11-098-662-10
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US-11-098-662-8
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US-11-192-923A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/11098662
Publication No. US20050244423A1
GENERAL INFORMATION:
                                                                                                                                      Matches
                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Klucher, Kevin M.
APPLICANT: Kindsvogel, Wayne R.
APPLICANT: Sivakumar, Pallavur V.
APPLICANT: Henderson, Katherine E.
TITLE OF INVENTION: METHODS FOR TREATING VIRAL INFECTION
TITLE OF INVENTION: USING IL-28 AND IL-29 CYSTEINE MUTANTS
FILE REFERENCE: 04-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR ETILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
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CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: PANG, XIAOWU
TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH: 256
                                                                                                                           Y MATCH 72.3%;
Local Similarity 66.7%;
les 6; Conservative
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les 9; Conserv
                                                                139 QTCTQLQAT 147
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                                                                                                  1 QLCTELQTT 9
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                                                                                                                                                     Score 34; DB 11; Length 202; Pred. No. 12;
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Pred. No. 0.037;
                                                                                                                                      Mismatches
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APPLICANT: KINDSVOGEL, WAYNE R.
APPLICANT: CHAN, CHUNG
TITLE OF INVENTION: USE OF IL-28 AND IL-29 TO TRI
TITLE OF INVENTION: AND AUTOIMMUNE DISORDERS
FILE REFERENCE: 04-08
CURRENT APPLICATION NUMBER: US/11/193,955
CURRENT FILING DATE: 2005-07-29
NUMBER OF SEQ ID NOS: 161
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 202
TYPE: PRT
                                                                                                                                     RESULT 13
US-11-193-955-10
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                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY: SIGNAL ; LOCATION: (1)...(28) US-11-193-955-8
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US-11-193-955-8
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Sequence 10, Application US/11193955
Publication No. US20060024269A1
GENERAL INFORMATION:
APPLICANT: DOYLE, SEAN
APPLICANT: KLUCHER, KEVIN M.
APPLICANT: SIVACUMAR, PALLAVUR V.
APPLICANT: KINDSVOGEL, WAYNE R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/11/098,662
CURRENT FILING DATE: 2005-04-04
NUMBER OF SEQ ID NOS: 136
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 202
TYPE: PRT
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Publication No. US20050244423A1

GENERAL INFORMATION:

APPLICANT: Klucher, Kevin M.

APPLICANT: Kindsvogel, Wayne R.

APPLICANT: Sivakumar, Pallavur V.

APPLICANT: Henderson, Katherine E.

TITLE OF INVENTION: METHODS FOR TREATING VIRAL INFECTION

TITLE OF INVENTION: USING IL-28 AND IL-29 CYSTEINE MUTANTS

FILE REFERENCE: 04-05
                                                                                                                                                                                                                                                                                            Matches
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Best Local (
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Publication No. US20060024269A1
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APPLICANT: KLUCHER, KEVIN M.
APPLICANT: SIVAKUMAR, PALLAVUR V.
                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mus musculus FEATURE:
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Local Similarity 66.7%;
les 6; Conservative
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139 QTCTQLQAT 147
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                                                                                                                                                                                                                                                                                                          72.3%;
66.7%;
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Pred. No. 12;
1; Mismatches
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Pred. No. 12;
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12;
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                                                                                                                                                                                                                                                                                                                             Length 202;
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US-11-266-626-9
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; NAME/KEY: SIGNAL
; LOCATION: (1)...(28)
US-11-193-955-10
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                                5
                                                          Query Match
Best Local Similarity
** hes 6; Conservi
                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-266-626-9
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SEQ ID NO 10
SENGTH: 202
TYPE: PRT
ORGANISM: Mus musculus
                                                                                                                                                                                                   SOPTWARE: FastSEQ for Windows Version 4
SEQ ID NO 9
LENGTH: 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/11266626 Publication No. US20060063233A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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CURRENT FILING DATE: 2005-07-29
NUMBER OF SEQ ID NOS: 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: CHAN, CHUNG
TITLE OF INVENTION: USE OF IL-28 AND IL-29 TO TREAT CANCER
TITLE OF INVENTION: AND AUTOIMMUNE DISORDERS
FILE REFERENCE: 04-08
                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US/10/127,816
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/285,408
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 60/286,482
PRIOR FILING DATE: 2001-04-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 01-17
CURRENT APPLICATION NUMBER: US/11/266,626
CURRENT FILING DATE: 2005-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Taft, David W.
APPLICANT: Kindsvogel, Wayne R.
TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Klucher, Kevin M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Sheppard, Paul O.
                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 59
                                                                                                                                                                                                                                                                                PRIOR FILING DATE:
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Local Similarity 66.7%;
les 6; Conservative
                                                                                                                                                                                                                                                                          FILING DATE: 2001-06-29
APPLICATION NUMBER: US 60/285,424
FILING DATE: 2001-04-20
                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2001-10-22
APPLICATION NUMBER: US 60/341,105
FILING DATE: 2001-10-22
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/341,050
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 09/895,834
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 139 QTCTQLQAT 147
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                                    1 QLCTELQTT 9
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                                                                         Conservative
                                                                                            72.3%;
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Pred. No. 12;
                                                                                          Score 34; DB 11; Length 202; Pred. No. 12;
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RESULT 15 US-11-266-626-11

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PRIOR APPLICATION NUMBER: US/10/127,816
PRIOR APPLICATION NUMBER: US 60/285,408
PRIOR APPLICATION NUMBER: US 60/285,408
PRIOR PILING DATE: 2001-04-20
PRIOR PRILING DATE: 2001-04-20
PRIOR PILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: US 60/341,050
PRIOR APPLICATION NUMBER: US 60/341,050
PRIOR APPLICATION NUMBER: US 60/341,105
PRIOR APPLICATION NUMBER: US 60/341,105
PRIOR APPLICATION NUMBER: US 60/341,105
PRIOR PILING DATE: 2001-0-22
PRIOR PILING DATE: 2001-0-22
PRIOR PILING DATE: 2001-0-29
PRIOR APPLICATION NUMBER: US 09/895,834
PRIOR APPLICATION NUMBER: US 60/285,424
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US-10-530-253-15
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Publication No. US20060063233A1
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Best Local Similarity 66.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1 SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: PCT/US/2003/031726
PRIOR APPLICATION NUMBER: PCT/US/2003/031726
PRIOR PILLING DATE: 2003-10-02
PRIOR FILLING DATE: 2002-10-03
NUMBER OF SEQ. ID NOS: 65
NUMBER OF SEQ. ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 15, Application US/10530253 Publication No. US20060014926A1
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APPLICANT: Fox, Brian A.
APPLICANT: Klucher, Kevin M
APPLICANT: Taft, David W.
                                         Matches
                                                               Query Match
Best Local Similarity
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APPLICANT: Kindsvogel, Wayne R.
TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
FILE REFERENCE: 01-17
CURRENT APPLICATION NUMBER: US/11/266,626
CURRENT FILING DATE: 2005-11-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                  LENGTH: 158
TYPE: PRT
ORGANISM: Human papillomavirus type 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 202
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2 LCTELQTT 9
                                           Conservative
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                                           70.2%; Score 33; DB 75.0%; Pred. No. 15; ive 1; Mismatches
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Pred. No.
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                                                                      DB 9;
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; NUMBER OF SEQ ID NOS: 10444
; SEQ ID NO 6325
; LEQUETH: 254
; TYPE: PRT
; ORGANISM: B.fragilis
US-11-079-463-6325
RESULT 19
US-11-087-099-6055
; Sequence 6055, Application US/11087099
; Publication No. US20060041961A1
                                                                                                                                                                                   Query Match
Best Local Similarity
"""hes 6; Conserve
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; TYPE: PRT
; ORGANIEM: Human papillomavirus type 45
US-10-530-253-20
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US-10-530-253-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6325, Application US/11079463
Publication No. US20060073161A1
GENERAL INFORMATION:
APPLICANT: Gary L. Breton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
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Publication No. US20060014926A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRATITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATH00-03DIV2
CURRENT APPLICATION NUMBER: US/11/079,463
CURRENT FILLING DATE: 2005-03-14
CURRENT FILLING DATE: 2005-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jeffrey K. Fullen
APPLICANT: Susan P. McBlhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry APPLICANT: Jeffrey K. Pullen
                                                                                                                          78
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                                                                                                                                              2 LCTELQTT 9
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75.0%;
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75.0%;
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Pred. No. 24;
1; Mismatches

    Mismatches

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PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR FILING DATE: 2001-11-05
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2475
TENGTH: 1098
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Best Local Similarity
Marches 6; Conserve
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; LCCATION: (1)...(420)
; OTHER INFORMATION: unsure at all Xaa locations
US-11-087-099-6055
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                                                         Matches
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APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT FILING DATE: 2005-03-22
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 6055
                                                                          Best
                                                                                     Query Match
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APPLICANT:
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CURRENT FILING DATE: 2005-03-07
                                                                                                                                                                                                                                                                                                                APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITIE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                 ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Triticum aestivum FEATURE:
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                                                         Local Similarity
285 <u>OLĆSELO</u> 291
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                            1 QLCTELQ 7
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YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
NAGAHARI, KENJI
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NAGAI, KEIICHI
IRIE, RYOTARO
TAMECHIKA, ICHIRO
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YURI
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OTSUKI, TETSUJI
WAKAMATSU, AI
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                                                         Conservative
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                                                        Score 33; DB
Pred. No. 96;
1; Mismatches
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                                                                                     11;
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US-10-519-390-15
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US-10-467-657-7248
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Best Local Similarity '11.7
Conservative
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: KR10-2003-0051846
PRIOR FILING DATE: 2003-07-26
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Kopatentin 1.71
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
RUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 7248
LENGTH: 43
LENGTH: 43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 15, Application US/105
Publication No. US20060008872A1
GENERAL INFORMATION:
                                                                                Query Match
Best Local Similarity
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APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: KIM, Jae-Youn
APPLICANT: HEO, Youn-Hwa
TITLE OF INVENTION: A method of improving efficacy of biological response-modifying
TITLE OF INVENTION: proteins and the example muteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MEDEXGEN Inc. APPLICANT: CHUNG, Yong-
                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                   LENGTH: 129
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                     OTHER INFORMATION: IL-4: 33rd, 45th, 55th, 73rd, 82nd or 112nd OTHER INFORMATION: Val.
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23
                                2 LCTELQTT 9
 LCTBLTVT 30
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                                                                    Conservative
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71.4%;
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75.0%;
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                                                                      Mismatches
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RESULT 23

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US-11-176-830-207
; Sequence 207, Application US/11176830
; Publication No. US20060020116A1
; GENERAL INFORMATION:
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S
                                                                                                                                       ; ORGANISM: Homo sapiens US-11-176-830-546
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FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION UNMBER: US/511/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/459,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 546, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 546
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
                                                   Matches
                                                                    Query Match
Best Local Similarity
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ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank AAA59149
DATABASE ENTRY DATE: 1995-01-06
                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding ITITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/76,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/459,898
PRIOR APPLICATION NUMBER: 60/409,898
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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TYPE: PRT
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                                                 6; Conservative
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Pred. No. 31;
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Pred. No. 31;
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR PELICATION NUMBER: 60/457,135
PRIOR PILING DATE: 2003-03-21
PRIOR PILING DATE: 2003-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
NUMBER: OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 548
LENGTH: 129
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                                                                                                                             ; ORGANISM: Homo sapiens US-11-176-830-548
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US-11-176-830-548
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SEQ ID NO 547
LENGTH: 129
TYPE: PRT
                                           Matches
                                                             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding |
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding |
TITLE OF INVENTION: Note and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/459,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOS: 1306
NUMBER OF SEQ ID NOS: 1306
                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding NuTITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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APPLICANT: Guyon, Thier:
                                                                                                                                                                         TYPE: PRT
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2 LCTELQTT 9
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5. US20060020116A1
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 550
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SOFTWARE: FRANSEQ for Windows Version 4.0
SEQ ID NO 549
LENGTH: 129
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APPLICANT: Gantier, Rene
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
FILE REFERENCE: 17109-012002 (9228)
CURRENT EFFERICE: 17109-012002 (9228)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2003-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/47,135
PRIOR APPLICATION NUMBER: 60/409,898
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APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding 1
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/459,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-03-03
PRIOR FILING DATE: 2003-03-09
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                TYPE: PRT
                                                                                                                                                      ORGANISM: Homo sapiens
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                                                                                                                                                                                                   LENGTH: 129
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US-11-176-830-551
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                                                                           NUMBER OF SEQ ID NOS: 1306
SOPTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 552
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens
US-11-176-830-552
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Best Local Similarity 75.0
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 551
LENGTH: 129
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Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding TITLE OF INVENTION: Acid Molecules and Related Applications FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
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Drittanti, Lila
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  Score 31; DB 11; Length 129; Pred. No. 31; 0; Mismatches 2; Indels
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Pred. No. 31;
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US-11-176-830-554
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TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/558,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
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; LENGTH: 129
; TYPE: PRT
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Query Match
Best Local Similarity
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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APPLICANT: Guyon, Thier
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SOFTWARE: FastSEQ for Windows Version
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Drittanti, Lila
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    Score 31;
Pred. No.
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APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thterry
APPLICANT: Urittanti, Lila
APPLICANT: Vega, Manuel
ITILE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
ITILE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
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; ORGANISM: Homo sapiens
US-11-176-830-555
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                                    US-11-176-830-556
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US-11-176-830-555
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SEQ ID NO 555
LENGTH: 129
Query Match
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Best Local (
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APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding |
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
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                                                      ORGANISM: Homo sapiens
                                                                       TYPE: PRT
                                                                                         LENGTH: 129
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DB 11;
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; TYPE: PRT ; ORGANISM: Homo sapiens US-11-176-830-557
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US-11-176-830-557
; ORGANISM: Homo sapiens
US-11-176-830-558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-11-176-830-558
                                                            NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 558
LENGTH: 129
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 557
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Matches 6; Conserv
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nuc
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
                                                                                                                                                                                             CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR FILING DATE: 2003-03-21
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APPLICANT: Vega, Manuel
ITILE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding NucrITILE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/409,898 PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
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APPLICANT: Guyon, Thierry
                                           TYPE: PRT
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p. US20060020116A1
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0; Mismatches
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Pred. No. 31;
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Thes 6; Conserve
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US-11-176-830-559
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Best Local Similarity
Watches 6; Conserve
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US-11-176-830-560
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SEQ ID NO 559
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens
5-11-176-830-559
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Publication No. US20060020116A1
GENERAL INFORMATION:
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                                                                      NUMBER OF SEQ ID NOS:
SOFTWARE: PastSEQ for
SEQ ID NO 560
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
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                                                                                                                          TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding TITLE OF INVENTION: Acid Molecules and Related Applications FILE REPERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR PILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
ORGANISM: Homo sapiens
11-176-830-560
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Drittanti, Lila
Vega, Manuel
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p. US20060020116A1
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US-11-176-830-561
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US-11-176-830-561
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US-11-176-830-562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu.
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-09
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOS-1306
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 561
SEQ ID NO 561
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                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 562, Applica publication No. US201 GENERAL INFORMATION:
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Best Local
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                               SEQ ID NO 562
LENGTH: 129
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Best Local Similarity
                                                                                                             APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-03-21
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
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APPLICANT: Guyon, Thiers
APPLICANT: Drittanti, Li
APPLICANT: Vega, Manuel
                                                                            NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
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TYPE: PRT
ORGANISM: Homo sapiens
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Drittanti, Lila
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Pred. No. 31;
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APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
ITITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
ITITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
ITITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-03-21
PRIOR PRICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 564
LENGTH: 129
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US-11-176-830-563
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 563
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 10/655,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Drittanti, Liia
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
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APPLICANT: Guyon, Thier
APPLICANT: Drittanti, L:
APPLICANT: Vega, Manuel
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Pred. No. 31;
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Pred. No.
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PRIOR FILING DATE: 2003-09-08

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR EILING DATE: 2003-03-21

PRIOR APPLICATION NUMBER: 60/409,898

PRIOR FILING DATE: 2002-09-09

NUMBER OF SEQ ID NOS: 1306

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 566

LENGTH: 129
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Best Local Similarity
watches 6; Conserve
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US-11-176-830-566
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US-11-176-830-565
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; SOFTWARE: FASTSEQ F
; SEQ ID NO 565
; LENGTH: 129
                                                                                                                                                                                       Sequence 566, Application US/11176830

Publication No. US2060020116A1

GENERAL INFORMATION:

APPLICANT: Gantier, Rene
APPLICANT: Orittanti, Lila
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel

TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nuc
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (9228)

CURRENT APPLICATION NUMBER: US/11/176,830

CURRENT FILING DATE: 2005-07-06

PRICE RIVER APPLICATION NUMBER: 10/658,834
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FILE REFERENCE: 17109-012002 (922B)

CURRENT APPLICATION NUMBER: US/11/176,830

CURRENT FILING DATE: 2005-07-06

PRIOR APPLICATION NUMBER: 10/658,834

PRIOR FILING DATE: 2003-09-08

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR PILING DATE: 2003-03-21

PRIOR PILING DATE: 2003-03-21

PRIOR PILING DATE: 2003-09-09

PRIOR FILING DATE: 2002-09-09
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APPLICANT: Guyon, Thier:
APPLICANT: Drittanti, L:
APPLICANT: Vega, Manuel
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Drittanti, Lil
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75.0%;
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Pred. No. :
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; TYPE: PRT ; ORGANISM: Homo sapiens US-11-176-830-566
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US-11-176-830-567
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-11-176-830-567
                                                                                                                                                                                                                                                                                                                                                                                    US-10-469-561-25
; FEATURE: ; OTHER INFORMATION: Chimeric IL4 for human use US-10-469-561-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 567, Application US/11176830 Publication No. US20060020116A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                      CURRENT APPLICATION NUMBER: US/10/469,561
CURRENT FILING DATE: 2003-08-29
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 150
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                          Sequence 25, Application US/10469561 Publication No. US20050260216A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu TITLE OF INVENTION: Acid Molecules and Related Applications FILE REPERSNCE: 17109-012002 (9228)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: US/658,834
PRIOR PILING DATE: 2003-09-08
PRIOR PILING DATE: 2003-09-08
PRIOR PILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-03-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Guyon, Thier APPLICANT: Drittanti, L APPLICANT: Vega, Manuel
                                                                                                                                                                                                          APPLICANT: Jonathan Henry Ellis
APPLICANT: Alan Peter Lewis
TITLE OF INVENTION: VACCINE
FILE REFERENCE: PG4355USw
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/409,898 PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Gantier,
                                                                                                                                                                                                                                                                                      APPLICANT: Claire Ashman
APPLICANT: James Scott Crowe
                                                  ORGANISM: Artificial Sequence
                                                                              TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH: 129
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Drittanti, Lila
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Pred. No. 31;
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Pred. No.
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GENERAL INFORMATION:

APPLICANT: Presnell, Scott R.

APPLICANT: Novak, Julia E.

APPLICANT: Novak, Julia E.

FILE OF INVENTION: ZALPHAII LIGAND ANTAGONISTS

FILE REFERENCE: 01-37

CURRENT APPLICATION NUMBER: US/11/174,398

CURRENT APPLICATION NUMBER: US/10/282,622

PRIOR APPLICATION NUMBER: US/10/282,622

PRIOR FILING DATE: 2002-10-28

PRIOR FILING DATE: 2001-11-05

NUMBER OF ESO ID NOS: 30

SOPTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 8

LENGTH: 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NOTTIS, MACIDONALD
APPLICANT: MOSTIS, Steven
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
TITLE OF INVENTION: AND MONITORING TRANSPLANT REJECTION
FILE REFERENCE: 506612000104
CURRENT APPLICATION NUMBER: US/10/511,937
CURRENT FILING DATE: 2004-10-19
PRIOR APPLICATION NUMBER: PCT/US2003/012946
PRIOR FILING DATE: 2003-04-24
PRIOR FILING DATE: 2003-04-24
PRIOR APPLICATION NUMBER: US 10/131,831
PRIOR APPLICATION NUMBER: US 10/325,899
PRIOR APPLICATION NUMBER: US 10/325,899
PRIOR FILING DATE: 2002-12-20
PRIOR FILING DATE: 2002-12-20
PRIOR FILING DATE: 2002-12-20
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; ORGANISM: Homo sapiens
US-10-511-937-2476
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US-11-174-398-8
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Matches
; ORGANISM: Homo sapiens
US-11-174-398-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local S
Matches 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 3117
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2476
LENGTH: 153
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: EXPRESSION DIAGNOSTICS, INC
APPLICANT: Wohlgemuth, Jay
APPLICANT: Fry, Kirk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                        TYPE: PRT
                                                          LENGTH: 153
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Local Similarity 75.0%;
hes 6; Conservation
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Woodward, Robert
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APPLICANT: Steinman, Lawrence
APPLICANT: Ruiz, Pedro
APPLICANT: Garren, Hideki
TITLE OF INVENTION: DNA Vaccination for Treatment of
TITLE OF INVENTION: Autoimmune Disease
FILE REFERENCE: STANIZCIP
CURRENT APPLICATION NUMBER: US/11/289,226
CURRENT FILING DATE: 2005-11-28
CURRENT FILING DATE: 2005-05-05
PRIOR APPLICATION NUMBER: US/09/947,770
PRIOR FILING DATE: 2001-09-05
PRIOR FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: US 09/267,590
PRIOR APPLICATION NUMBER: US 09/267,590
PRIOR APPLICATION NUMBER: US 09/267,590
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
TYPE: PRT
TOPENNITCH. Artificial Semione
; ORGANISM: Human papillomavirus type 39 US-10-530-253-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 50
US-10-530-253-19
; Sequence 19, Application US/10530253
; Publication No. US20060014926A1
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US-11-289-226-13
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                                                              APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOCTWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 158
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Best Local Similarity 75.0
Matches 6; Conservative
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Publication No. US20060084623A1
GENERAL INFORMATION:
                                                  TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: amino acid sequence of a Th2 cytokine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       y Match 66.0%; Score 31; DB 11; Length 153;
Local Similarity 75.0%; Pred. No. 37;
hes 6; Conservative 0; Mismatches 2: Todala
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75.0%;
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Search completed: May 5, 2006, 08:51:43
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                                                                         Matches
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Best Local Similarity
                                17 LCTTLDTT 24
                                                    2 LCTELQTT 9
                                                                        6; Conservative
                                                                                66.0%;
75.0%;
                                                                        ; Score 31; DB;
; Pred. No. 38;
0; Mismatches
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                                                                                          Length 158;
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Job time : 9.4 secs

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Result
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Maximum Match 100%
Listing first 1000
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Maximum DB
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Perfect score:
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RESULT 1
US-08-934-915-159
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GENERAL INFORMATION:
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TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                     ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. Foutch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
                                                                                                                                                                                                              COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
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APPLICANT: DILLNER, LENA
APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
TITLE OF INVENTION: DIAGNOSTIC PURPOSES
                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
FILING DATE:
                                                          TELEFAX: 813-538-3820
                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 22-SE
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US-09-489-033A-10609
US-07-869-933-23
US-08-201-879A-4
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424, App
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73, Appl
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Matches 9
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Best Local
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION: 435-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-JUL-1992
APPLICATION NUMBER: EP 91111720.8
FILING DATE: 13-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Muelle
APPLICANT: Gissma
                                                                                                                                                                                                                                  TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Use of HPV-16 E6
TITLE OF INVENTION: Peptides for the
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                Local Similarity
                                                                                                                                                                TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1300 I S
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Finnegan, Henderson,
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20005-3315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity es 9; Conserv
15
                   1 LCTELQTTI 9
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 LCTELQTTI
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                                                             100.0%; Score 46; DB 1; ilarity 100.0%; Pred. No. 0.072; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          and E7-Gene Derived
Diagnostic Purpose
                                                                                               DB 1; Length 30;
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TRESULT 3
US-09-980-523A-4
; Sequence 4, Application US/09980523A
; Patent No. 6783763

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APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: PERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE B6 AND E7
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
ITILE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PRO
ITILE OF INVENTION: TRANSCRIPTIONAL REGULATION
PILL REFERENCE: N73477C GCW
CURRENT APPLICATION UNMBER: US/09/701,080C
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 911303.8
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR PILING DATE: 1998-05-26
PRIOR FILING DATE: 1999-01-05
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US-09-701-080C-18
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                                                                                                                                            RESULT 5
US-09-980-523A-2
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LENGTH: 30
TYPE: PRT
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SEQ ID NO 18
LENGTH: 151
TYPE: PRT
TYPE: PRT
ORGANISM: Human papillomavirus
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APPLICANT: CHOPPIN, JEANNINE
                                                                  Sequence 2, Application US/09980523A Patent No. 6783763
GENERAL INFORMATION:
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Patent No. 686405
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                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                          Query Match
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, I
APPLICANT: GUILLET, JEAN-GERARD
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                                                                                                                                                                                                                                                                                                                                                 Conservative
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                            ISABELLE
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US-08-316-239B-3
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APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYSETTOPIC PROTEIN FRAGMENTS OF THE E6 AND E7
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
FILE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
FRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR PILING DATE: 2000-05-31
PRIOR PILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vers
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NUMBEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                  TELEPHONE: (703) 817-94:
TELEPAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
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TYPE: amino acid
STRANDEDNESS: not releva
TOPOLOGY: not relevant
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wheeler, Con APPLICANT: Parmenter, Con TITLE OF INVENTION: Mel TITLE OF INVENTION: Did TITLE OF INVENTION: Invention: Certain Control Con
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ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 158
                                                                                                                                                                                                                                            NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UN
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Jagtiani & Associates
STREET: 6126 Rocky Way Court
CITY: Centreville
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                                                                              not relevant
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Methods and a Diagnostic Aid for

Methods and a Diagnostic Aid for
Diatringuishing a Subset of HPV that is Associated with an
Increased Risk of Developing Cervical Dysplasia and
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Length 162

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US-08-316-239B-4
                                                                                                                                                                                                                                                                                                                                                                                  US-08-316-239B-4
GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/08316239B
Patent No. 5679509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                  Sequence 14, Application US/08860165A Patent No. 6004557
                                                                                                                                                                                                                                                                                            100.0%; Score 46; DB 1; Length 162; Best Local Similarity 100.0%; Pred. No. 0.39; Matches 9; Conservative 0: Miamarche
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (703) 803-9387 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 162 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/316,239B
FILING DATE: 30-SEP-194
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Parmenter, Cheryl A.

TITLE OF INVENTION: Methods and a Diagnostic Aid for
TITLE OF INVENTION: Distinguishing a Subset of HPV that is Associated with
TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and
TITLE OF INVENTION: Cervical Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 6126 ROCKY
CITY: Centreville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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PATERI NO. 636397

PATERI NO. 636397

GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: MEAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
EARLIER FILING DATE: 1994-12-20
UNMBER OF ERO ID NOS: 27
COETMARE: DESCRIPTION SECRETARY OF SECRETA
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; OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion US-08-860-165-14
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                                                                                                                                                                                                                                                                                   RESULT 10
US-08-117-083-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Human papillomavirus type 16 US-09-359-382-14
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LENGTH: 172
TYPE: PRT
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CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22

EARLIER APPLICATION NUMBER: PCT/AU95/00868

EARLIER FILING DATE: 1995-12-20

EARLIER FILING DATE: 1994-12-20

EARLIER FILING DATE: 1994-12-20

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PATCHILIN VET. 2.0

SEQ ID NO 14

LENGTH: 172
                                                                                                                                                                                                           Sequence 10, Application US/08117083 Patent No. 5719054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 46; DB 2
Best Local Similarity 100.0%; Pred. No. 0.41;
Matches 9; Conservative 0; Mismatches
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Best Local
GENERAL INFORMATION:
APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors
TITLE OF INVENTION: Papilloma Virus Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver.
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TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 0.41;
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                                       Encoding Human
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NUMBER OF SEQUENCES: 7: CORRESPONDENCE ADDRESS: ADDRESSEE: Walter H.

Walter H. Dreger

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OTHER INFORMATION: 0.08-117-083-10
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Patent No. 6884786
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Best Local S
                               SEQ ID NO 1
LENGTH: 243
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                    PRIOR APPLICATION NUMBER: FR
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/462,993
CURRENT FILING DATE: 2000-04-17
CURRENT FILING DATE: PCT/FR98/01576
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR FILING DATE: 1998-07-17
                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REFERENCE: 017753-122
                                                                                                         SOPTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
CLASSIFICATION: 435
OTHER INFORMATION: Description of Artificial Sequence:Derivated from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
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                                                                                                       SEQ ID NOS: 23
PatentIn Ver. 2.2
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the open reading frame."
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Pred. No. 0.43;
; Mismatches 0; Indels
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; OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein ; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-09-462-993-1
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US-09-359-382-10
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                                                      CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
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APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/08860165A Patent No. 6004557
SOFTWARE: PatentIn
SEQ ID NO 10
LENGTH: 266
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Best Local S
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CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1995-12-20
                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                               APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERBACE: 017227/0148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Ver. 2.0
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ORGANISM: Artificial Sequence
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hes 9; Conserv
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100.0%; Pred. No. 0.
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Pred. No. 0.63;
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; SEQ ID NO 4
; LENCTH: 273
; TYPE; PRT
; ORGANISM: Homo Bapien
US-09-485-885-4
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SEQ ID NO 1
LENGTH: 266
TYPE: PRT
ORGANISM: Human papillomavirus type
US-09-367-309A-1
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US-09-367-309A-1
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                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
Query Match 100.0%; 9
Best Local Similarity 100.0%; 1
Matches 9; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09485885 Patent No. 6342224
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Best Local !
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Matches 9; Conserv
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CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MACFARLAN, RODERICK I. APPLICANT: MALLIAROS, JIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Human papillomavirus type
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Similarity 100.0%;
9; Conservative 0;
                                                                                                                                                                  FastSEQ for Windows Version 3.0
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Score 46; DB 2;
Pred. No. 0.65;
Mismatches 0
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Pred. No. 0.63;
; Mismatches 0
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Pred. No. 0.63;
; Mismatches (
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                                    Length 273;
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; SEQ ID NO 6
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Homo 8
US-09-485-885-6
                 Query Match
Best Local Similarity
Thehes 9; Conserv
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Best Local Similarity
""" (hes 9; Conserv
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CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-08-27
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CURRENT APPLICATION NUMBER: US/09/485,885

CURRENT FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23
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APPLICANT: Cabezon S
APPLICANT: Delisse, C
APPLICANT: Lombardo-
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/09485885
Patent No. 6342224
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Patent No. 6342224
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APPLICANT: Cabezon Silva, 7
APPLICANT: Delisse, Anne-Ma
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                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
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                                                                                                                                                                                         FastSEQ for Windows Version 3.0
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Dellsse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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                                   Conservative
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                                                                                                                    sapien
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Pred. No. 0
                                                  Score 46; DB 2
Pred. No. 0.88;
                                   Mismatches
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128

LCTELQTTI 136

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RESULT 18
US-09-485-885-14
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; ORGANISM: Homo sapien
US-09-485-885-14
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Sequence 
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASTSEQ for Windows Version 3.0
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APPLICANT: Bleul, Conrad
APPLICANT: Gissmann, Lutz
APPLICANT: Muller, Martin
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                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION NUMBER: US/08/466,285
                                                                                                                                                                   PILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION NOMBER: US 08/164,768
PILING DATE: 10-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Seroreactive Epitopes On Proteins Of TITLE OF INVENTION: Human Papillomavirus (HPV)18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/947,992
FILING DATE: 21-SEP-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
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Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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US-08-164-768-2
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TELEPHONE: (202) THE TELEPAX: (202) 408-4400
TELEPAX: (202) 408-200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
FROMER: 32 mino acids
                                                                                                                                                                                                   COUNTRY: USA
ZIP: 20005
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,768
FILING DATE: 10-DEC-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 33.694
REGISTRATION NUMBER: 33.694
REGISTRATION STANDARD STANDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6322794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local S
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: BLEUL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MANBPEIZET, David A.
REGISTRATION NUMBER: 37,540
REFERENCE/DOCKET NUMBER: 05552.1075-03000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: GISSMANN, Lutz
APPLICANT: MULLER, MATTIN
TITLE OF INVENTION: SEROREACTIVE EPITODES ON PROTEINS (
TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS (HPV) 18
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
ADDRESSEE: DUNNER, L.L.P.
STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: single
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: P 40 15 044.5
FILLING DATE: 10-MAY-1990
CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Washington
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6; Conserv
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Pred. No. 7.
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7.9;
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-164-768-2
                                                                                                            RESULT 22
US-08-767-942A-19
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                                                                               Sequence 19, Application US/08767942A Patent No. 6068982
                                                                             Patent No.
                                                                                                                                                                                                                                        Matches
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Best Local Similarity 66.7%;
                                              GENERAL INFORMATION: APPLICANT: Rolfe,
                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (617) 832-700
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rolte, mar.
APPLICANT: Eckstein, Jens W.
APPLICANT: Draetta, Giulio
TITLE OF INVENTION: Human Ubiquitin Conjugating Enzyme
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: MIV-029.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM; PC-DOS/MS-DOS
                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0:
FILING DATE: 23-MAY-1994
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                       Y Match 76.1%; Local Similarity 66.7%;
                                                                                                                                                                                                                                                                                                                                  LENGTH: 158 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
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              Chiu, M. Isabel
Berlin, Vivian
                                            Rolfe, Mark
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Damagnez, Veronique
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                                                                                                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                       Score 35; DB
Pred. No. 39;
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Pred. No. 7.9;
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US-08-117-083-14
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MEDIUM TYPE: Floppy disk

COMPUTER: IIM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/767,942A

FILING DATE: 17-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: Vincent, Matthew P.

REGISTRATION NUMBER: 36,709

REGISTRATION NUMBER: MIV-029.04

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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APPLICANT: Boursn
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acid
                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/117,083

FILING DATE: 10-SEP-1993

FILING DATE: 10-SEP-1993
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Draetta, Giulio
APPLICANT: Guillaume, Cottarel
TITLE OF INVENTION: UBIQUITIN CONJUGATING ENZYMES
NUMBER OF SEQUENCES: 45
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
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ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
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CITY: Boston
STATE: MA
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Local Similarity 66.7%;
les 6; Conservative
                                                                  CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                         STATE:
                                                                                                                                                                                                                                                                                                                       STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
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Pred. No. 39;
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RESULT 24
US-09-485-885-21
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                                                                                                                                                                                                                                                                       RESULT 25
US-09-485-885-23
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US-09-485-885-21
                                                                                                  Sequence 23, Appirence 23, App
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Fa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -09-400
Sequence 21, Approximate No. 6342224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 76.1%;
Best Local Similarity 66.7%;
Matches 6; Conservative
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APPLICANT: Bruck, Claudine
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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A: 271 amino acids
rYPE: amino acid
STRANDEDNESS: si-
TOPOLOGY: 1:
OLECULF
TART
                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
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OTHER INFORMATION: /note= "Xaa refers to stop codon
OTHER INFORMATION: the open reading frame."
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                                                                                                                                                                                                                                                                                                                                                                                                             128 LCTELNTSL 136
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Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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Pred. No.
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67;
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Best Local Similarity
"hes 6; Conserv
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US-09-187-906-7
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-23
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CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                             COMPUTER: ISM PC COMPATIBLE
COMPUTER: ISM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN RELEASE #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/187,906
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/US97/07726
FILING DATE: 07-MAY-97
APPLICATION NUMBER: US 60/017,427
FILING DATE: 07-MAY-96
FILING DATE: 07-MAY-96
PRIOR APPLICATION NUMBER: US 60/017,427
FILING DATE: 07-MAY-96
PRIOR APPLICATION NUMBER: US 60/019,300
FILING DATE: 07-JUN-96
PRIOR APPLICATION NUMBER: US 60/019,300
FILING DATE: 07-JUN-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/021,859
FILING DATE: 16-JUL-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,533
FILING DATE: 10-APR-97
ATTORNEY/AGENT INFORMATION:
NAME: KAPLAN, WANTER A.
NEGGI TERRATION NUMBER: 34 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/09187906
Patent No. 6677135
GENERAL INFORMATION:
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TELEFAX: 617-679-2838 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
                                                       NAME: Kaplan, Warren A. REGISTRATION NUMBER: 34.199 REFERENCE/DOCKET NUMBER: AO TELECOMMUNICATION INFORMATION:
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CORRESSPONDENCE ADDRESS:
ADDRESSEE: Biogen, Inc.
STREET: 14 Cambridge Center
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Cambridge
                                        TELEPHONE:
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                                          617-679-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
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66.7%;
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                                                                                   A008
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Pred. No. 94;
                                                                                   PCT CIP
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SEQUENCE CHARACTERISTICS:

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RESULT 27
US-09-489-407-7
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                                                                  ; TOPOLOGY: li
; MOLECULE TYPE:
US-09-489-407-7
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                                                                                                                 TELEPAX: 617-6, 7:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
FRUGTH: 637 amino acids
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Patent No. 6861509
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 Matches
                                  Query Match
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 60/017,427
FILING DATE: 08-MAY-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/019,300
FILING DATE: 07-JUN-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/021,859
FILING DATE: 16-JUL-96
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: BIOGEN
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/489,407
                                                                                                                                                                                               NAME: Kaplan, Warren A.
REGISTRATION NUMBER: 34,199
REFERENCE/DOCKET NUMBER: A0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-679-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/043,533 FILING DATE: 10-APR-97 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/07726
FILING DATE: 07-MAY-97
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 Local Similarity
nes 6; Conserva
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Local Similarity 75.0%;
es 6; Conservative
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14 Cambridge Center
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VENTION: Ret Ligand (RetL) for Stimulating Neural
VENTION: and Renal Growth
BQUENCES: 21
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 Conservative
                                                                                protein
               73.9%;
75.0%;
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Score 34; DB 2;
Pred. No. 2.4e+02;
1; Mismatches 1
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Pred. No. 2.4e+02;
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                                  Length 637;
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 1; Indels
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US-07-909-122-3
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; ORGANISM: Drosophila melanogaster US-09-270-767-33527
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US-09-270-767-33527
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                               APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEO ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEO ID NO 33527
LENGTH: 141
TYPE: PRT
                                                                                                                                                                                                              Sequence 33527, Application US/09270767 Patent No. 6703491 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/07909122 Patent No. 5415995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 114 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 2860
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEPAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/07/909,122
FILING DATE: 1990706
CLASSIFICATION: 530
CLASSIFICATION: 530
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TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA
TITLE OF INVENTION: VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: AMINO ACID
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US-09-270-767-48744
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; Sequence 32, Application, Patent No. 6632665; GENERAL INFORMATION: APPLICANT: Perrino, E TITLE OF INVENTION: N
                                                                                 RESULT 32
US-09-634-137-32
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Best Local S
Matches 6
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48744
LENGTH: 141
TYPE: PRT
                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6716
LENGTH: 346
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 48744, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6716, Application US/09543681A Patent No. 6605709
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Best Local
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                                                                                                                                                                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                  -09-543-681A-6716
                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 2709.1002-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: GARY BRETON
                                                                                                                                                                                                                                                                                                 ORGANISM: Proteus mirabilis
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les 6; Conserv
                                                                                                                                                  318 MCTQLQPTL 326
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                                                                                                                                                                                                              l Similarity
5; Conserv
                                                                                                                                                                               1 LCTBLOTTI 9
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Similarity 66.7%;
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                                                                 Application US/09634137
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Fred W Mammalian Genes Encoding 3'-5' Exonuclease
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66.7%;
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55.6%;
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Pred. No.
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Pred. No. 81;
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Pred. No. 2e+02;
3; Mismatches
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                                                                                                                                                                                                                                                 Length 346;
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; SEQ ID NO 32
; LENGTH: 236
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-634-137-32
                                                           GENERAL INFORMATION:
APPLICANT: Ramanathan, Lata
APPLICANT: Seelig, Gail F.
APPLICANT: Seelig, Gail F.
APPLICANT: Trotta, Paul P.
TITLE OF INVENTION: Antibody Antagonists of Human Int
FILE REFERENCE: JB0059KQ US
CURRENT APPLICATION NUMBER: US/08/271,539
CURRENT FILING DATE: 1994-07-07
FRIOR APPLICATION NUMBER: US 07/453,570
PRIOR APPLICATION NUMBER: US 07/453,570
PRIOR APPLICATION NUMBER: US 07/859,689
PRIOR APPLICATION NUMBER: US 07/859,689
PRIOR PILING DATE: 1990-12-18
PRIOR APPLICATION NUMBER: US 07/859,689
PRIOR FILING DATE: 1992-06-11
NUMBER OF SEQ ID NOS: 46
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US-09-270-767-33015
; Sequence 33015, A
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US-08-271-539-3
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GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION INMEBER: US/09/270,767
CURRENT APPLICATION APPLICATION
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CURRENT APPLICATION NUMBER: US/09/634,137
CURRENT FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: US 60/148,018
PRIOR PILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn Ver: 2.1
SEQ ID NO 3
                           SOFTWARE: PatentIn Ver.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.6%;
Local Similarity 66.7%;
es 6; Conservative
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les 6; Conserv
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100.0%; Pred. No. 2.1e+02;
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Pred. No.
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                                                                                                    RESULT 36
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                                                  Sequence 3, Application US/08663809 Patent No. 5884230
                                                                                                                                                                                                  Sequence 3, Application US/08234812
Patent No. 5557535
GENERAL INFORMATION:
APPLICANT: Srinivasan, Subhashini
APPLICANT: Sudarsanam, Padmanaban
TITLE OF INVENTION: METHOD AND SY
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   GENERAL INFORMATION:
APPLICANT: Sriniva
APPLICANT: Sudarsa
                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
TELEX: 3723836 SEEDANBERRY
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Pirio, Maurice J.
REGISTRATION NUMBER: 33,273
REFERENCE/DOCKET NUMBER: 48
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/234,812 FILING DATE: 28-APR-1994 CLASSIFICATION: 395
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Seattle
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Similarity 75.0%;
6; Conservative
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Srinivasan, Sudarsanam,
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                                                                                                                                                                                                                                                                                                linear
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75.0%;
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                  Subhashini
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Pred. No. 1.4e+02
0; Mismatches
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US-08-049-503-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Pirio, Maurice J.
REGISTRATION NUMBER: 33,273
REFERENCE/DOCKET NUMBER: 4800
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
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Patent No. 5494662
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ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA: US/08/663,809
FILING DATE: 14-UN-1996
CLASSIFICATION: 364
                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/049,503
FILING DATE: 21-APR-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: POULOS III, JAMES A.
NAME: POULOS III, JAMES A.
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APPLICANT: UENO, KOHJI
APPLICANT: KATAYAMA, TERUAKI
APPLICANT: MIYAMOTO, TSUMORU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry
                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
NUMBER OF SEQUENCES:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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ZIP: 22314
                  REGISTRATION NUMBER: 31,714
REFERENCE/DOCKET NUMBER: TPP29045
                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                       STREET:
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75.0%;
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Pred. No. 1.4e+02;
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703-549-7200

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US-08-225-224-2
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                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen L.
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 1528
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08225224
Patent No. 5635599
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: PASTAN, Ira
APPLICANT: KREITMAN, Robert J.
APPLICANT: KREITMAN, Robert J.
TITLE OF INVENTION: CIRCULARLY PERMUTATED LIGANDS AND
TITLE OF INVENTION: CIRCULARLY PERMUTED FUSION PROTEINS
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MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
----WENT TYPE: N-terminal
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TELEPAX: 703-528-5313
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acid
                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMMBER: US/08/225,224
FILING DATE: 8-APR-1994
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                             TYPE: amino acids
STRANDEDNESS: unknown
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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ORIGINAL SOURCE:
                                                                                                                            FEATURE:
                                                                                                                                             MOLECULE TYPE: protein
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TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                     NAME/KEY: Protein LOCATION: 1.129 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23
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75.0%;
 67.4%;
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Pred. No. 1.7e+02;
 Score 31; DB 1; Length 129; Pred. No. 1.7e+02;
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; HYPOTHETICAL: N
; ANTI-SENSE: NO
; FRAGMENT TYPE:
US-08-470-299-21
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US-08-470-299-21
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                                                                                                     US-08-874-697-1
                                                                                                                   RESULT 40
          Sequence 1, Application US/08874697
Patent No. 5986059
GENERAL INFORMATION:
APPLICANT: Shanefelt, Armen; Greve, Jeffrey; Gundel, Robert
TITLE OF INVENTION: T-cell Selective Interleukin-4 Agonists
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
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                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 610-270-502
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Shatzman, Allan K.
APPLICANT: Shatzman, Allan K.
TITLE OF INVENTION: No. 5783181el Compounds
OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Browne, Michae APPLICANT: Murphy, Kay E.
                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1i
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/OFFILING DATE: 06-JUN-1995 CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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Young, Peter R.
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75.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conrad G.
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                                                                                                                                                                                                                                        Score 31; DB 1;
Pred. No. 1.7e+02;
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                                                                                                                                                                                                                           Mismatches
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; MOLECULE TYPE: ;
 DESCRIPTION: !
 HYPOTHETICAL: no ;
 ANTI-SENSE: no US-08-874-697-1
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US-08-722-258-2
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Best Local
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TELEFAX: (203) 812-5492
INFORMATION FOR SEQ ID NO: 1:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/019,748
FILING DATE: 14-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,746
FILING DATE: 27-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Huw R. Jones
REGISTRATION NUMBER: 33, 916
REFERENCE/DOCKET NUMBER: WH5013
           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1 0
                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                             TITLE OF INVENTION: Circularly Permuted Ligands and TITLE OF INVENTION: Circularly Permuted Chimeric Molecules NUMBER OF SEQUENCES: 72
                                                                                                                                                                                                                                                                                                     APPLICANT: Kreitman, Rol
APPLICANT: Puri, Raj K.
                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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STREET: 400 Morga:
CITY: West Haven
STATE: CT
                                                                                                                                       STREET: Two Embarcac
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS v. 6.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: United States of America ZIP: 06516-4175
                                                                                                               ZIP: 94111-3834
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Local Similarity 75.0%;
es 6; Conservative
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ARE: PatentIn Release #1.0, Version #1.30 APPLICATION DATA:
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                                                                                                                                                                                     E: Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor
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human Interleukin-4 protein
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Pred. No. 1.7e+02;
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Best Local Similarity
            FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: P-91,242
APPLICATION NUMBER: P-91,242
APPLICATION NUMBER: 33,916
ATTORNEY/AGENT INFORMATION:
NAME: HUW R. JONES
REGISTRATION NUMBER: 33,916
REFERENCE/DOCKET NUMBER: WH502
TELECOMMUNICATION INFORMATION:
TELEPAX: (203) 812-2317
TELEPAX: (203) 812-2317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: Shanaf
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS v. 6.30 SOFTWARE: Word for Windows 6.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Shanafelt, Armen; Greve, Jeffrey; Roczniak, Steven TITLE OF INVENTION: High-affinity Interleukin-4 Muteins NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation, Pharmaceutical Division STREET: 400 Morgan Lane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/225,224
FILING DATE: 08-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                  ZIP: 06516-4175
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 06-APR-
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 400 Morga
CITY: West Haven
STATE: CT
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REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 019
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TOPOLOGY: li
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                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
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06-APR-1995
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                                                                               WH5020
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Pred. No. 1.7e+02;
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RESULT 43
US-08-765-012A-16
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                                                                 US-08-765-012A-16
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Best Local Similarity
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Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/
FILING DATE: 19-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/EP
FILING DATE: 19-JUN-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: lin MOLECULE TYPE: DESCRIPTION:
                                                                                                                                                 TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wild, Hanno; Hanko, Rudolf; Dorschug, Michael;
APPLICANT: Horlein, Hans-Dietrich; Beunink, Jurgen;
APPLICANT: Apeler, Heiner; Wehlmann, Hermann; and Sebald,
APPLICANT: Walter
TITLE OF INVENTION: HIL-4 MUTANT PROTEINS USED AS
TITLE OF INVENTION: ANTAGONISTS OF PARTIAL AGONISTS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: 1
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                                                                                                                                                                              REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: BAYER 9776-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.5
SOPTWARE: WordPerfect 3.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acid
                                                                                                                                                                                                                                                 FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Tarrytown STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: sir
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                                                                                    TOPOLOGY:
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6130318
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   Conservative
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19-DEC-1996
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human Interleukin-4 protein
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                 67.4%;
75.0%;
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Pred. No. 1.7e+02
 Score 31; DB 2; Le
Pred. No. 1.7e+02;
0; Mismatches 2;
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                                    Length 129;
      Indels
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US-08-765-012A-17
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US-08-765-012A-18
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Best Local Similarity
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                                                                                                      Sequence 18, Application US/08765012A Patent No. 6130318
             GENERAL INFORMATION:
APPLICANT: Wild, Hanno; Hanko, Rudolf; Dorschug, Michael;
APPLICANT: Horlein, Hans-Dietrich; Beunink, Jurgen;
APPLICANT: Apeler, Heiner; Wehlmann, Hermann; and Sebald,
APPLICANT: Walter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.5
SOFTWARE: WOXIDERECT 3.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,
FILING DATE: 19-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wild, Hanno; Hanko, Rudolf; Dorschug, Michael; APPLICANT: Horlein, Hans-Dietrich; Beunink, Jurgen; APPLICANT: Apeler, Heiner; Wehlmann, Hermann; and Sebald, APPLICANT: Walter
TITLE OF INVENTION: HIL-4 MUTANT PROTEINS USED AS
TITLE OF INVENTION: ANTAGONISTS OR PARTIAL AGONISTS OF
TITLE OF INVENTION: HUMAN INTERLEUKIN 4
                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/EP95/02358
FILING DATE: 19-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 44 23 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
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FITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10591-5144
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Tarrytown
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                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                       LCTELTVI 30
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660 White Plains Road
                                                                                                                                                                                                                                                                                                                                                                                                                             129 amino acids
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75.0%;
HIL-4 MUTANT PROTEINS USED AS
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Pred. No. 1.7e+0
                                                                                                                                                                                                                                                                                                 Mismatches
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US-08-765-012A-19
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                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 19, Application US/08765012A Patent No. 6130318
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MEDIUM TYPE Diskette, 3.50 inch, 1.4

COMPUTER: Apple Macintosh

OPERATING SYSTEM: System 7.5

SOFTWARE: WordPerfect 3.5

CURRENT APPLICATION DATA:

APPLICATION UMBER: US/08/765,012A

FILING DATE: 19-DEC-1996

CLASSIFICATION EATA:

APPLICATION UMBER: PCT/EP95/02358

PRIOR APPLICATION UMBER: PCT/EP95/02358

PRIOR APPLICATION DATA:

APPLICATION UMBER: DE 44 23 131

FILING DATE: 01-JUL-1994

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 000
STREET: Tarrytown
CITY: Tarrytown
TTATE: New York
TISA
                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.5
                                                                                                                                                                                                                                                                                                         APPLICANT: Wild, Hanno; Hanko, Rudolf; Dorschug, Michael; APPLICANT: Horlein, Hans-Dietrich; Beunink, Jurgen; APPLICANT: Apeler, Heiner; Wehlmann, Hermann; and Sebald, APPLICANT: Walter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: KUIT G. Briscoe
REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: BAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                   CITY: Tarrytown STATE: New York
                                                                                                                                                                         STREET:
                                                                                                                 COUNTRY:
                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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                                                                                               10591-5144
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                                                                                                                                                                         E: Sprung Kramer Schaefer & Briscoe
660 White Plains Road
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                                                                                                                     USA
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larity 75.0%;
Conservative
SYSTEM: System 7.5 WordPerfect 3.5
                                                                                                                                                                                                                                                   HIL-4 MUTANT PROTEINS USED AS
ANTAGONISTS OR PARTIAL AGONISTS OF
HUMAN INTERLEUKIN 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HUMAN INTERLEUKIN 4
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Pred. No. 1.7e+02
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RESULT 47
US-08-765-012A-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.5
SOFTWARE: WordPerfect 3.5
CURRENT APPLICATION DATA:
                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 44 23 131
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
TYPE: amino acid
TYPE: amino acid
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 44
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Sprung Kramer Schaefer & Briscoe
STREET: 660 White Plains Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wild, Hanno; Hanko, Rudolf; Dorschug, Michael; APPLICANT: Horlein, Hans-Dietrich; Beunink, Jurgen; APPLICANT: Apeler, Heiner; Wehlmann, Hermann; and Sebald,
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APPLICATION NUMBER: E
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                APPLICATION NUMBER: US/08/765,012A FILING DATE: 19-DEC-1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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LECOMMUNICATION TOTAL
                REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: BAYER 9776-KGB
                                                                                                                                                      APPLICATION NUMBER: PCT/
FILING DATE: 19-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Tarrytown STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10591-5144
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REGISTRATION NUMBER:
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ANTAGONISTS OR PARTIAL AGONISTS OF
HUMAN INTERLEUKIN 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      67.4%;
75.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 31; DB 2;
Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 129;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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US-09-350-823-1
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                                                      Query Match
Best Local Similarity
"hes 6; Conserva
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Best Local Similarity 75.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09350823
Patent No. 6313272
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:

NAME: Huw R. Jones
REGISTRATION UNMBER: 33, 916
REFERENCE/DOCKET NUMBER: WH5020
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 812-2317
TELEPHONE: (203) 812-2317
TELEPHONE: (203) 812-5492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/350,823
FILING DATE: 09-Jul-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION NUMBER: 08/897,020
PILING DATE: <UNknown>
PILING DATE: <UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS v. 6.30
SOFTWARE: Word for Windows 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation, Pharmaceutical Division
                                                                                                                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Shanafelt, Armen; Greve, Jeffrey; Roczniak, Steven
TITLE OF INVENTION: High-affinity Interleukin-4 Muteins
                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                       ANTI-SENSE: no
                                                                                                                                                                                                        HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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23
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                                   1 LCTELOTT 8
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STATE: CT
LCTELTVT 30
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                                                                            Conservative
                                                                                           67.4%;
75.0%;
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Pred. No. 1.7e+02;
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Sequence 46, Application US/08271539

Patent No. 6358509

GENERAL INFORMATION:
APPLICANT: Ramanathan, Lata
APPLICANT: Readia, Gail F.
APPLICANT: Seelig, Gail F.
APPLICANT: Seelig, Gail F.
APPLICANT: Seelig, Gail F.
APPLICANT: Seelig, Gail F.
APPLICANT: Trotta, Paul P.
TITLE OF INVENTION: Antibody Antagonists of Human Interleukin-4
FILE REFERENCE: JB0059KQ US
CURRENT APPLICATION NUMBER: US/08/271,539

CURRENT APPLICATION NUMBER: US/07/453,570
PRIOR APPLICATION NUMBER: PCT/US90/07289
PRIOR APPLICATION NUMBER: PCT/US90/07289
PRIOR APPLICATION NUMBER: US/07/859,689

PRIOR APPLICATION NUMBER: US/07/859,689

PRIOR APPLICATION NUMBER: US/07/859,689

PRIOR FILING DATE: 1990-12-18
PRIOR FILING DATE: 1992-06-11

NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
LENGTH: 129
TYPE: PRT
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CURRENT FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: 08/874,697
PRIOR FILING DATE: 1997-06-13
PRIOR APPLICATION NUMBER: 60/036,746
PRIOR FILING DATE: 1997-01-27
PRIOR FILING DATE: 1997-01-27
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APPLICANT: Greve, Jeffrey
APPLICANT: Gundel, Robert
TITLE OF INVENTION: T-CEL
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PRIOR FILING DATB: 196-06-14
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
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ORGANISM: Homo sapiens
FEATURE:
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Sequence 20, Application US/10476570

Sequence 20, Application No. US20040170644A1

GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICA
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FROT/FRO2/01533
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 20
LENGTH: 15
TYPE: PRT
COEGANISM: STRIFFICIAL SECUENCE
RESULT 2
US-10-476-570-21
; Sequence 21, Application US/10476570
; Publication No. US20040170644A1
; GENERAL INFORMATION:
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US-10-450-763-34364
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TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 15
                                                                                                                                                                                                         APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA
APPLICANT: MAILLERE, Bernard
APPLICANT: MOURGAUTT-VILLADA, Isabelle
APPLICANT: BOURCAUTT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, MAXEURE of peptides derived fro
TITLE OF INVENTION: papillomavirus proteins and us
FIITLE OF INVENTION: papillomavirus proteins and us
FILTE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 21
TYPE: PRT
ORGANISM: artificial sequence
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                  FEATURE: OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: artificial sequence
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                        1 LCTELQTTI
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                                                                                                Similarity
LCTELQTTI 17
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                                                                              Conservative
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100.0%; Pred. No. 0.14;
                                                                                              100.0%; Score 46; 1
100.0%; Pred. No. 0
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APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-11-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
VUMBER OF SEQ ID NOS: 361
SOFTMARE: FASTSEQ for Windows Version 4.0
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-1
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US-11-021-949-1
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Best Local S
Matches 9
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APPLICANT: LU, PETER
APPLICANT: GARMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/11021949 Publication No. US20050142541A1
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 53
LENGTH: 30
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Best Local (
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                                                                                                                                                                   OTHER INFORMATION: Description of the artificial sequence: -10-476-570-53
                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Mixture of peptides derived from E6 and/or TITLE OF INVENTION: papillomavirus proteins and uses thereof FILE REFERENCE: 45636-5071-US CURRENT APPLICATION NUMBER: US/10/476,570 CURRENT FILLING DATE: 2003-11-04 PRIOR APPLICATION NUMBER: PCT/FR02/01533 PRIOR FILING DATE: 2002-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: FR 01 05980 PRIOR FILING DATE: 2001-05-04
                                                                                                                                                                                                          TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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                                                                               9; Conserv
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    LCTELQTTI 16
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                                                                          100.0%; Score 46; DB 4; Length 30; ilarity 100.0%; Pred. No. 0.28; Conservative 0; Mismatches of Table 100.00%;
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Query Match
Best Local Similarity
"---hes 9; Conserv
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                                                                                                      , OTHER INFORMATION: Description of the artificial sequence: peptide {\tt E6}\ 14\text{-}45 US-10-476-570-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 4
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Publication No. US20050033025A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. SEQ ID NO 9
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APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/10476570 Publication No. US20040170644A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTI
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USB
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: 0508-1037-1
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADI
APPLICANT: GUILLET, JEAN-GEI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of the Artificial Sequence: Peptide fragment OTHER INFORMATION: for E6 of HPV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
                                                                                                                                                   FEATURE:
                                                                                                                                                                     TYPE: PRT ORGANISM: artificial sequence
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Local Similarity 100.0%;
les 9; Conservative 0
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GUILLET, JEAN-GERARD
CONNAN, FRANCINE
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                    Conservative
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                                        100.0%; Score 46; DB 100.0%; Pred. No. 0.3;
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Pred. No. 0.28;
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Sequence 6, Application US/10177390

Publication No. US20030143743A1

GENERAL INFORMATION:
APPLICANT: Schuler, Gerold
APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polynucleotides by Electroporation
FILE REFERENCE: 021505wo/JH/ml
CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO
LENGTH: 151
TYPE: PRT
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 33
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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US-10-177-390-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR PILING DATE: 2002-05-03
PRIOR PILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILERE, BETTAYA
APPLICANT: BOURGAULT-VILLADA, IBAbelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-46
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Local Similarity 100.0%; Pred. No. 0.31;
hes 9; Conservative 0; Mismatches 0; Indels
                                                                                          Local Similarity
les 9; Conserv
15
                                                1 LCTELQTTI 9
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  LCTELQTTI 23
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ilarity 100.0%;
Conservative 0
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                                                                                             Score 46; DB 4; Length 151; Pred. No. 1.4; o; Indels
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RESULT 10

RESULT 12 US-10-858-384-2

Sequence 2, Application US/10858384
Publication No. US20050033025A1
GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE

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Sequence 27, Application US/10484063

Publication No. US20050048467A1

GENERAL INFORMATION:
APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: FOLLEN, MICHELE
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: TOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: FCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
INUMBER OF SEQ ID NOS: 27
SEQ ID NO 27
LENGTH: 151
TYPE: PRT
TYPE: P
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHEE
APPLICANT: FOLLEN, MICHEE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT APPLICATION NUMBER: US/02/23198
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
INUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 20
LENGTH: 151
                                                                                                                      Query Match
Best Local Similarity
""" hes 9; Conserv?
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US-10-484-063-27
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Publication No. US20050048467A1
GENERAL INFORMATION:
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Best Local :
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15
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LCTELQTTI 23
                                                                                                                                                             100.0%; Score 46; DB 5; Length 151; ilarity 100.0%; Pred. No. 1.4; Conservative 0; Mismatches 0; Indels
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APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Sam
FILE REFERENCE: 21402-559
CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION UNBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 198
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SEQ ID NO 2
LENGTH: 158
TYPE: PRT
ORGANISM: Human Papillomavirus
US-10-658-384-2
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Best Local Similarity
hes 9; Conserva
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SEQ ID NO 16
LENGTH: 158
TYPE: PRT
ORGANISM: Homo sapiens
US-10-367-057-16
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                                                                                                Sequence 13, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: GARMAN, JONATHAN DAVID
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CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
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TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cuthill, Scott; APPLICANT: Jackson, Amand
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9; Conserv
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GUILLET, JEAN-GERARD
CONNAN, FRANCINE
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Sequence 1, Application US/11072288
; Publication No. US20050159386A1
; GENERAL INFORMATION:
; APPLICANT: KIENY, Marie-Paule
; APPLICANT: BALLOUL, Jean-Marc
; APPLICANT: BIZOURANE, Nadine
; TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED ON IMMUNOGENIC
; TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION
; FILE REFERENCE: 017753-122
; CURRENT APPLICATION NUMBER: US/11/072,288
; CURRENT APPLICATION NUMBER: US/9/462,993
; PRIOR APPLICATION NUMBER: US/9/462,993
; PRIOR APPLICATION NUMBER: PCT/FR98/01576
; PRIOR APPLICATION NUMBER: PCT/FR98/01576
; PRIOR APPLICATION NUMBER: PCT/FR98/01576
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TITLE OF INVENTION: Modified HPV E6 and E7 ge
FILE REFERENCE: 4121-154
CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
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US-11-072-288-1
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SEQ ID NO 2
LENGTH: 171
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Best Local Similarity
Matches 9; Conserv
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
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RESULT 18
US-10-000-903-4
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-09-367-309A-1
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SEQ ID NO 1
LENGTH: 266
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Publication No. US20020182221A1
GENERAL INFORMATION:
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                                                                                                                        APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INTENTION: Vaccine
FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
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PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.2
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OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
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9; Conserv
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Similarity 100.0%; s
9; Conservative 0;
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Pred. No. 2.3;
0; Mismatches
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; Sequence 10, Application US/10000903; Publication No. US20020182221A1; GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa; APPLICANT: Delisse, Anne-Marie Eva Fe APPLICANT: Gerard, Catherine Marie Gl; APPLICANT: Lombardo-Bencheikh, Angels; APPLICANT: Lombardo-Bencheikh, Angels;
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                                                                                                                                                                                                                                                                                           RESULT 20
US-10-000-903-10
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Publication No. US20050031638A1
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Best Local Similarity
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APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleot
FILE REPERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/9581,976
PRIOR PILING DATE: 2000-06-20
PRIOR FILING DATE: 1908-12-18
PRIOR APPLICATION NUMBER: GT/EF98/08563
PRIOR PILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
                                                                                                      APPLICANT: Lombardo-Bencheikh, Angela TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and E6 from Human papilloma virus OTHER INFORMATION: 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                               Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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; PRIOR FILING DATE: 1997-08-22; NUMBER OF SEO ID NOS: 23; SOFTWARE: FastSEQ for Windows Version 3.0; SEQ ID NO 10; LENGTH: 292; TYPE: PRT; ORGANISM: Homo sapien
US-10-000-903-10
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US-10-899-771-10
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT PAPLICATION NUMBER: DECT/EP98/05285
PRIOR APPLICATION UNMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
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                                                                                                                                                                                                                                                                                                                          RESULT 22
                                                                                                                                                                                     Sequence 6, Application US/10000903
Publication No. US20020182221A1
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
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Publication No. US20050031638A1
GENERAL INFORMATION:
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Best Local S
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PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
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CURRENT FILING DATE: 2004-07-27
FRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: B45124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type OTHER INFORMATION: 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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TYPE: PRT
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9; Conserv
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Similarity 100.0%; (
9; Conservative 0;
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Pred. No. 2.7;
0; Mismatches
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PILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR APPLICATION NUMBER: PCT/ED98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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US-10-899-771-6
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US-10-000-903-14
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
                                                                                                  GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
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Matches 9; Conserv
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Publication No. US20020182221A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
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TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and E6E7 fusion from Human papilloma OTHER INFORMATION: virus type 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 3.5;
); Mismatches
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FILE REFERENCE: M45124

CURRENT APPLICATION NUMBER: U5/10/899,771

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: U5/09/581,976

PRIOR FILING DATE: 2000-06-20

PRIOR FILING DATE: 2000-06-20

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR FILING DATE: 1997-12-24

NUMBER OF SEQ ID NOS: 28

SOPTWARE: PASTSEQ for Windows Version 3.0

SEQ ID NO 14
                                                                                                                                                                                                                                                         RESULT 26
US-10-367-095-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus; OTHER INFORMATION: pneumoniae and 8687 fusion from Human papilloma; OTHER INFORMATION: virus type 16)
US-10-899-771-14
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US-10-899-771-14
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                                                                                                                                                                                          Sequence 10, Application No. US201 GENERAL INFORMATION:
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Best Local (
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Best Local Similarity
APPLICANT: Robin A. Robinson
TITLE OF INVENTION: No. US20030228696A1el Insect Cell Line
FILE REFERENCE: 44449-1US1
CURRENT APPLICATION NUMBER: US/10/367,095
CURRENT FILING DATE: 2003-02-14
FRIOR APPLICATION NUMBER: US 60/356,119
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 ocal Similarity
                                                                                                                                                                                                                                                                                                                                            147 LCTELQTTI 155
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; LENGTH: 536
; TYPE: PRT
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: HPV-16 L2/E6 fusion protein
US-10-367-095-10
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PRIOR PAPPLICATION NUMBER: US 60/356,161
PRIOR PRICING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
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PRIOR FILING DATE: 2002-02-14
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,135
PRIOR APPLICATION NUMBER: US 60/356,135
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PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR APPLICATION NUMBER: US 60/356,154
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PRIOR APPLICATION NUMBER: US 60/356,123
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Local Similarity 100.0%; Pred. No. 5;
1ee 9; Conservative
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                                                                                                               See File Wrapper or PALM
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US-10-367-367-10
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                                                                                                                            Sequence 10, Application US/10918337
Publication No. US20050118191A1
GENERAL INFORMATION:
APPLICANT: NOVAVAX, INC., et al.
TITLE OF INVENTION: Optimization of Gene
TITLE REFERENCE: 19065/2132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
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CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
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ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: HPV-16 L2/E6 fusion protein
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FILING DATE: 2002-02-14
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9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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for Expression in
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APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Kongerslev, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEG ID NOS: 137
SOFTWARE: PatentIn version 3.1
SEG ID NO 14
LENGTH: 239
TYPE: PRT
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US-10-820-155-14
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RESULT 31
US-10-820-155-23
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NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                           Query Match
                                                                                                                                          Matches
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PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
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PRIOR APPLICATION NUMBER: US 60/356,123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                               ORGANISM: Mus musculus
                                                                                                                                          Local Similarity
hes 7; Conserv
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                                                                      145 LCTELQGTV 153
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                                                                                                                                            Conservative
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                                                                                                                                                             82.6%;
77.8%;
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                                                                                                                                                             Score 38;
Pred. No.
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Pred. No. !
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                                                                                                                                              Mismatches
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                                                                                                                                                                               Length 239
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Sequence 23, Application US/108
Publication No. US20050137126A1
GENERAL INFORMATION:
APPLICANT: WatImmune A/S
APPLICANT: Weilguny, Dietmar

Application US/10820155 No. US20050137126A1

APPLICANT:

Jensenius, Jens Christian

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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin version 3.1
SEQ ID NO 30
LENGTH: 239
TYPE: PRT
ORGANISM: Mus musculus
US-10-820-155-30
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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING BATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin version 3.1
SEQ ID NO 23
LENGTH: 239
TYPE: PRT
ORGANISM: Mus musculus
US-10-820-155-23
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; Sequence 39, Applica;
; Publication No. US20
; GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PatentIn version 3.1
SEQ ID NO 39
LENGTH: 239
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Best Local Similarity 77.8%;
Matches 7; Conservative
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Best Local Similarity
                                                                                                        APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
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APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
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APPLICANT: Weilguny, Dietmar
APPLICANT: Weinentum, Jens Christian
APPLICANT: Vensentum, Jens Christian
APPLICANT: Kongerelev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
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APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
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to. US20050137126A1
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40. US20050137126A1
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77.8%;
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Query Match
Best Local Similarity
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Best Local Similarity
watches 7; Conserva
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                                                                ; OTHER INFORMATION: Unknown US-10-820-155-94
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US-10-820-155-94
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US-10-820-155-85
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CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 94
LENGTH: 239
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Query Match 82.6
Best Local Similarity 77.8
Matches 7; Conservative
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Publication No. US20050137126A1
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                                                                                                                                                                                                                                                                        APPLICANT: Kongerslev, Leif
APPLICANT: Matthlesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
                                                                                                                                                                                                                                                                                                         APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
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APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
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APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
                                                                                             FEATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (91)..(116)
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TYPE: PRT
                                                                                                                                               ORGANISM: Mus musculus
                                                                                                                                                                 TYPE: PRT
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77.8%;
    Score 38; DB Pred. No. 64; 1; Mismatches

    Mismatches

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Pred. No. 64;
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Pred. No. 64;
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145

LCTELQGTV 153

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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOPTWARE: PatentIn version 3.1
SEQ ID NO 97
LENGTH: 239
TYPE: PRT
ORGANISM: Mus musculus
US-10-820-155-97
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                                     US-09-925-299-1386
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Best Local Similarity
Matches 7; Conserv
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: NatImmune A/S APPLICANT: Weilguny, Die
                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/124,270
                                                                                                                         OTHER INFORMATION: Xaa
NAME/KEY: SITE
LOCATION: (15)
                                                                                                                                                                              OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE LOCATION: (13)
                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                        NAME/KEY: SITE
LOCATION: (5)
                                                                                                                                                                                                                                                                      FEATURE:
                                                      OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                    LOCATION:
                                                                                        NAME/KEY: SITE
                                                                                                         OTHER INFORMATION: Kaa equals any of the naturally occurring L-amino acids
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Jensenius, Jens Christian
Kongerslev, Leif
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No. US20050137126A1
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77.8%;
 80.4%;
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Pred. No.
   Score 37;
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   Length 48
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US-09-925-299-1386
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US-10-282-122A-70249
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                                                                                                                                                                                                                                    Sequence 70249, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1386, Application US/09925299 Publication No. US20030040617A9
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Best Local
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: )
NAME/KEY: SITE
LOCATION: (13)
OTHER INFORMATION: )
NAME/KEY: SITE
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                                                                       APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                   APPLICANT:
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TITLE OF INVENTION: Identification of Essential FILE REFERENCE: ELITRA. 034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                           APPLICANT: Wang,
APPLICANT: Zamuc
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                                                           PPLICANT:
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OTHER INFORMATION:
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LOCATION: (5)
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7; Conserve
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                                                                      Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                 Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
                                                                                                                                                                                           Zamudio, Carlo
Malone, Cheryl
                                                                                                                      Trawick, John
                                                                                                                                                                                Haselbeck, Robert
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milarity 87.5%;
Conservative
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Pred. No.
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APPLICANT: Wang, Liangsu
APPLICANT: Wang, Liangsu
APPLICANT: Wang, Carlos
FILE REFERENCE: ELITRA.036A
FILE REFERENCE: ELITRA.036A
CURRENT APPLICATION NUMBER: US/10/857,625
CURRENT FILING DATE: 2004-05-28
PRIOR APPLICATION NUMBER: 60/474768
PRIOR FILING DATE: 2003-05-29
INUMBER OF SEQ ID NOS: 833
SOFTWARE: PALENTIN VERSION 3.1
SEQ ID NO 567
LENGTH: 158
TYPE: PAT
ORGANISM: Staphylococcus aureus
US-10-857-625-567
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US-10-857-625-567
                                               RESULT 41
US-10-424-599-191823
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Sequence 191823, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 70249
TENOTH: 158
                                                                                                                                                                                                             Query Match 80.4%;
Best Local Similarity 66.7%;
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Best Local
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OR FILING DATE: 2000-12-22
OR APPLICATION NUMBER: 60/267,636
OR FILING DATE: 2001-02-09
OR APPLICATION NUMBER: 60/269,308
OR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 2000-09-06
APPLICATION NUMBER: 60/230,347
FILING DATE: 2000-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/207,727 FILING DATE: 2000-05-26 APPLICATION NUMBER: 60/230,335
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FILING DATE: 2000-03-21
APPLICATION NUMBER: 60/206,848
FILING DATE: 2000-05-23
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FILING DATE: 2000-11-27
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Similarity 66.7%;
6; Conservative
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                                                                                                                          LCVEIQTTL 65
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p. US20050026189A1
                                                                                                                                                                                              Conservative
                                                                                                                                                                                            ; Score 37; DB
; Pred. No. 64;
2; Mismatches
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PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR PILLING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/540,217
PRIOR FILLING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILLING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 60736
SOFTWARE: Custom
SEQ ID NO 37868
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                                                                                                                                                                                                                   ; NAME/KEY: DOMAIN ; LOCATION: (135)...(180) ; LOCATION: (135)...(180) ; OTHER INFORMATION: kw TRANSCRIPTASE REVERSE II ORF2 domain identified by ; OTHER INFORMATION: eMATRIX, accession number DM01354N, p-value=1.000e-40, ; OTHER INFORMATION: 13.17 US-10-450-763-37868
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RESULT 43
US-10-408-765A-748
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US-10-450-763-37868
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SEQ ID NO 11823
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                                                                                                                                               Matches
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Best Local Similarity
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Best Local
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                            LENGTH: 452
TYPE: PRT
ORGANISM: Homo sapiens
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TYPE: PRT
ORGANISM: Glycine max
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                                                                       125 CSEIQTTI 132
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                                                                                                           2 CTELQTTI 9
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7; Conserve
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                                                                                                                                               Conservative
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75.0%;
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                                                                                                                                               2; Mismatches
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Pred. No. 2.8e+02;
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Pred. No. 34;
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Sequence 748, Application US/10408765A Publication No. US20040101874A1 GENERAL INFORMATION:

APPLICANT: Ghosh, Soumitra S. APPLICANT: Fahy, Eoin D.

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APPLICANT: WATNOCK, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEON
FILE REFERENCE: 660088.465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 748
LENGTH: 759
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                              US-11-021-949-57
Sequence 57, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BILAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: AND METHODS OF THEIR USE
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 25
TYPE: PRT
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Best Local Similarity 66.7%;
Matches 6; Conservative 7
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APPLICANT: GAR
APPLICANT: BEL
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APPLICANT:
APPLICANT:
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APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT PILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
PRIOR PILING DATE: 2003-12-23
PRIOR PILING DATE: 2003-12-23
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                                                                                                                                                                                                                                                                                                          1 LCTELOTTI 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GARMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gibson, Bradford W.
Taylor, Steven W.
Glenn, Gary M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JONATHAN DAVID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     78.3%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1;
                                                                                                                                                                                                                                                                                                                                                                           Score 35; DB
Pred. No. 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 36; DB 4;
Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                             Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                DB 6;
                                                                                                                                                                                                                                                                                                                                                                                                Length 25;
                                                                                                                                                                                                                                                                                                                                                         Indels
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; FILE REFERENCE: VITA-012;
; CURRENT APPLICATION NUMBER: US/11/021,949;
; CURRENT FILING DATE: 2004-12-23;
; PRIOR APPLICATION NUMBER: 60/532,373;
; PRIOR FILING DATE: 2003-12-23;
; NUMBER OF SEQ ID NOS: 361;
; SOFTWARE: FastSEQ for Windows Version 4.0;
; SEQ ID NO 57;
; LENGTH: 25;
; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  묽
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                                                                                                                                                                                                                                                        US-10-437-963-175677
; Sequence 175677, Application US/10437963
; Publication No. US20040123343A1
                                                                                                                                                                                                                                                                                                                                                                                       밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT ; ORGANISM: Human Papilloma virus US-10-751-845-152
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US-10-751-845-152
US-10-751-845-152
; Sequence 152, Application US/10751845
; Publication No. US20050100928A1
                                                                                                                                                                                                                                                                                                                      RESULT 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 163
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 152
                                                                                                                                                            GENERAL INFORWATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                      APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
FILE REFERENCE: 08191-013001
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/10/751,845
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR PILING DATE: 2000-08-18
PRIOR PILING DATE: 1099-12-09
PRIOR FILING DATE: 1099-12-09
PRIOR FILING DATE: 1099-12-09
PRIOR FILING DATE: 1099-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/154,665 PRIOR FILING DATE: 1999-09-16
APPLICANT: Li, Ping
TITLE OP INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OP INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         76.1%;
Local Similarity 66.7%;
es 6; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tocal Similarity 66.7%; Pred. No. es 6; Conservative
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                                                                                                                          Cao, Yor
Wu, Wei
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                                                                                Barbazuk, Brad
                                                                                                    Boukharov, Andrey A.
                                                                                                                                                 Yongwei
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Pred. No. 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40;
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Sequence 27, Application US/10800023

Publication No. US20040258688A1

GENERAL INFORMATION:

APPLICANT: Steinman, Ralph
APPLICANT: Nussenzweig, Michel
APPLICANT: Nussenzweig, Michel
APPLICANT: Hawiger, Daniel
APPLICANT: Hawiger, Daniel
APPLICANT: Bonifaz, Laura
TITLE OF INVENTION: Enhanced Antigen Delivery and Modulation
TITLE OF INVENTION: of the Immune Response Therefrom
FILE REFERENCE: 600-1-081CONCIP1
CURRENT APPLICATION NUMBER: US/10/80,023
CURRENT FILING DATE: 2004-03-14
PRIOR APPLICATION NUMBER: 09/925,284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 49
US-10-800-023-27
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US-10-437-963-175677
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LENGTH: 119
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FILE REFERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR FILING DATE: 1090-08-18
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
NUMBER OF SEQ ID NOS: 163
SOPTMADER: PESTOR FOR WILLIAM
SOPTMADER: PESTOR F
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CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 175677
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Best Local (
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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 82
TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Artificial fusion sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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Similarity 66.7%;
6; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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75.0%;
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Pred. No. 1.1e+02;
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Search completed: May Job time : 59 secs

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FILTLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
TENORYMENT: TO SERVE TO SERVE TO SEQ ID NOS: 361
SEQ ID NO 28
TENORYMENT: FASTSEQ FOR WINDOWS VERSION 4.0
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                                                                                                                                                        ; LENGTH: 158; TYPE: PRT
; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-11-021-949-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: human papilloma virus E6 protein US-10-800-023-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: F.
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/11021949 Publication No. US20050142541A1
                                                                         Best Local Similarity
Matches 6; Conserv
                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: LU, PETER
APPLICANT: GARWAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARWIENTO, CHAMORE
APPLICANT: SCHWEIZER, JOHANNES
APPLICANT: NEWEJOLICA ENTRE
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/586,704
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: PCT/US96/01383
PRIOR FILING DATE: 1996-01-31
PRIOR APPLICATION NUMBER: 08/381,528
PRIOR FILING DATE: 1995-01-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 37
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17
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                                 1 LCTELOTTI 9
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LCTELNTSL 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         76.1%;
milarity 66.7%;
Conservative
                                                                             Conservative
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Sequence 5350, Appli Sequence 7, Appli Sequence 3, Appli Sequence 30676, A Sequence 2670, Ap Sequence 21048, A Sequence 2472, Ap	Sequence 3566, A Sequence 39, App Sequence 5737, A Sequence 220, App	Sequence 145, App Sequence 9073, App Sequence 30677	Sequence 336, App Sequence 6023, App	Sequence 10, Appl Sequence 5129, Ap Seguence 241, App	Sequence 156, App Sequence 156, App	Sequence 1425, Ap Sequence 22256, A	Sequence 18, Appl Sequence 52, Appl	Sequence 30678, Ap	Sequence 524, App Sequence 31, Appl	Sequence 3253, Ap Sequence 12, Appl	Sequence 5131, Ap Sequence 11, Appl	Sequence 5, Appli Sequence 78, Appl	Sequence 44, Appl Sequence 291, App	Sequence 1309, Ap Sequence 201, App	Sequence 30, Appl Sequence 45, Appl	Sequence 813, App Sequence 16, Appl	Sequence 100, App	Sequence 124, App	Sequence 1387, Ap	Sequence 48, Appl Sequence 19, Appl	Sequence 1532, Ap Sequence 1707, Ap	Sequence 837, App Sequence 494, App	Sequence 102, App Sequence 836, App	Sequence 10423, A	Sequence 449, App	Sequence 432, App Sequence 64, Appl	Sequence 304, App	Sequence 306, App	Sequence 305, App	Sequence 550, App Sequence 552, App
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RESULT 2
US-11-206-138-3
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TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-13
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US-10-530-253-13
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Sequence 3, Application US/11206138 Publication No. US20060039919A1
                                                                                                                                                                                                                                                                                                                                    Sequence 13, Appropriate Publication No.
                                                                                                                                                                           SOFTWARE: PatentIn version SEQ ID NO 13
                                                                                                                                                                                           APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
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13 US-11-079-463-5793
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II US-11-096-568A-10878

II US-11-033-030-48

II US-11-096-568A-29277

II US-11-033-030-47
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12 US-11-188-298-16681
13 US-10-467-657-5806
13 US-11-188-298-9120
14 US-11-096-568A-28559
15 US-11-096-568A-2858
15 US-11-096-568A-15875
16 US-11-096-568A-29156
17 US-11-096-568A-29156
18 US-11-096-568A-29156
19 US-11-096-568A-29156
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US-10-528-031-6
US-11-079-463-1015
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US-11-096-568A-29125
US-11-188-298-13446
US-11-188-298-11673
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Sequence 28559, Ap
Sequence 33858, A
Sequence 18872, A
Sequence 29156, A
Sequence 4, Appli
Sequence 17213, A
Sequence 2015, Ap
Sequence 13624, A
Sequence 13624, A
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Sequence 3517, Ap
Sequence 17567, A
Sequence 16681, A
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Sequence 29125, A
Sequence 13446, A
Sequence 11673, A
Sequence 8953, Ap
Sequence 6, Appli
Sequence 10157, A
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Sequence 10878, A
Sequence 48, Appl
Sequence 29277, A
Sequence 47, Appl
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Sequence 5793, Ap
Sequence 73, Appl
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; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-1
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-11-206-138-3
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Suean P. McElhiney
APPLICANT: Suean P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTMARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 3
US-10-530-253-1
Sequence 3, Application US/10530253
Publication No. US20060014928A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
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APPLICANT: HealthBanks Biotech CO. LTD.
APPLICANT: HealthBanks Biotech To. Inhibiting cervcal cancer
TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer
FILE REFERENCE: P7819/0613
CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.3
SEQ ID NO 3.3
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Best Local &
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Publication No. US20060014926A1
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Best Local
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les 9; Conserv
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9; Conserv
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US-10-530-253-5
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                                                                                                        Sequence 7, Application US/10530253
Publication No. US20060014926A1
Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILLE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: PCT/US2003/031726
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 248
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ORGANISM: Human papillomavirus type
-10-530-253-5
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE CART: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                    PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOPTWARE: Patentin version 3.1
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TYPE: PRT
ORGANISM: Human papillomavirus type 16
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NO 7
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9; Conserva
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                                          ; ORGANISM: Human papillomavirus type US-10-530-253-11
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Best Local Similarity
Matches 9; Conserv
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Publication No. US20060014926A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
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                                                                                  NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
LENGTH: 248
TYPE: PRT
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Best Local Similarity
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Swith Public
TITLE CAST: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
Query Match
                                                                                                                                                                                     APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
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PRIOR FILING DATE: 2003-10-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: Human papillomavirus type 16
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100.0%; Pred. No. 0.04;
    100.0%; Score 46;
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    Length 248;
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US-11-079-463-6325; Sequence 6325, Application US/11079463; Sequence 6325, Application US/11079463
RESULT 11
US-10-530-253-15
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; LENGTH: 256
; TYPE: PRT
; ORGANISM: Human papillomavirus
US-11-192-923A-2
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US-11-192-923A-2
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                                                                                                                                                                                                                                      ; LENGTH: 254
; TYPE: PRT
; ORGANISM: B.fragilis
US-11-079-463-6325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 10
                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
SEQ ID NO 6325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                         Matches
                                                                                                                                                                                              Query Match
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Publication No. US20060018928A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.0%; Pred. No. 0.04; Matches 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: GATY L. Breton

APPLICANT: GATY L. Breton

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRA

TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: PARTH00-03DIV2

CURRENT APPLICATION NUMBER: US/11/079,463

CURRENT FILING DATE: 2005-03-14

PRIOR APPLICATION NUMBER: US/60/128,705
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS TITLE OF INVENTION: RECOMBINANT REPLICON
FILE REFERENCE: 116620-003
CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
FRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR PELING DATE: 2003-01-30
PRIOR PILING DATE: 2003-01-30
PRIOR PILING DATE: 2003-01-30
PRIOR PILING DATE: 2003-01-30
PRIOR FILING DATE: 2003-01-30
PRIOR FILING DATE: 2003-01-30
PRIOR FILING DATE: 2003-01-30
PRIOR FILING DATE: 2003-01-30
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                                                                                                                                                                            Y Match 80.4%;
Local Similarity 77.8%;
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                                                                                                                  1 LCTELQTTI 9
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Similarity 100.0%;
9; Conservative 0;
                                                                            LCTELRVTI 86
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Pred. No. 3;
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Pred. No. 0.042;
; Mismatches 0;
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                                                                                                                                                                                                Length 254;
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Query Match
Best Local Similarity
Matches 6; Conserve
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                                                                                                       US-11-188-298-296
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US-10-530-253-20
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                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/1009137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 158
Sequence 296, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 158
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 15, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
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TYPE: PRT
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66.7%;
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Pred. No. 4.8;
2; Mismatches
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Sequence 6055, Application US/11087099;
Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 6055
LENGTH: 420
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CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 296
LENGTH: 587
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US-10-530-253-19
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; ORGANISM: Saccharomyces cerevisiae
US-11-188-298-296
                                                                                                                                                                                                                                                                                                        RESULT 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 158
TYPE: PRT
ORGANISM: Human papillomavirus type
US-10-530-253-19
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Best Local S
Matches 6
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Publication No.
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Swith Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
                                                  TYPE: PRT ORGANISM: Triticum aestivum
NAME/KEY: unsure
LOCATION: (1)..(420)
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66.7%;
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Pred. No. 28;
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Pred. No.
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Sequence 14735, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592FUS2

CURRENT APPLICATION UNMEER: US/11/096,568A

CURRENT FILING DATE: 2005-04-01

NUMBER OF SEQ ID NOS: 34471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: unsure at all Xaa locations US-11-087-099-6055
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S
                                                                                         FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(500)
OTHER INFORMATION: Ceres
US-11-096-568A-14734
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US-11-096-568A-14734
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US-11-096-568A-14735
                            Query Match
Best Local S
Matches 7
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LENGTH: 492
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SEQ ID NO 14734
                                                                                                                                                                                                                                                                                                                                       Sequence 14734, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
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TITLE OF INVENTION: Sequence Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (1)..(492)
OTHER INFORMATION: Ceres Seq.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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                                                                                                                                                                                                   ENGTH: 500
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 LCTELQTTI 9
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                              Conservative
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85.7%;
                                              71.7%;
77.8%;
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Pred. No.
                                Score 33; DB Pred. No. 39; 0; Mismatches
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Pred. No. 38;
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                                                                                                             ID no.
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Pred. No. 33;
Mismatches
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                                                                                                             11050217
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                                                            Length 500;
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RESULT 20
US-11-096-568A-28550
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TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 28552
LENGTH: 1310
                                                                                                                                                                                                                                                                                                                    Best Local Similarity 62.5%;
Matches 5; Conservation
                                                                                               Sequence 28550, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 28551
LENGTH: 1368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION UNMEER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
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APPLICANT: Alexandrov, Nickolai et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 28551, Application US/11096568A Publication No. US20060048240A1
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Best Local Similarity
                   APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PU62
CURRENT APPLICATION NUMBER: US/11/096,568A
                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)..(1368)
OTHER INFORMATION: Ceres Seq. ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1310)
OTHER INFORMATION: Ceres Seq. ID no.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Arabidopsis thaliana FEATURE:
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Pred. No. 1e+02;
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Pred. No. 1e+02;
3; Mismatches (
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                                                           and
                                                           Corresponding Polypeptides
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GENERAL INFORMATION:
APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
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                                                                                                                                                                                                                                                                                                                                          RESULT 22
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US-10-467-657-7248
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                                                                                                        Sequence 15, Application US/10519390

Publication No. US20060008872A1

GENERAL INFORMATION:
APPLICANT: MEDEXGEN Inc.
APPLICANT: CHUNG, Yong-Hoon
APPLICANT: LEE, Hak-sup
APPLICANT: LIE, Hak-sup
APPLICANT: KIM, Jae-Youn
APPLICANT: HEO, Youn-Hwa
APPLICANT: HEO, Youn-Hwa
APPLICANT: HEO, Youn-Hwa
APPLICANT: HEO, FOUN-Hwa
APPLICANT: OF INVENTION: A method of improving efficacy of biological response-modifying
TITLE OF INVENTION: proteins and the example muteins
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Best Local Similarity
Matches 5; Conserv
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SOFTWARE: SegWin99, version 1.04
SEQ ID NO 7248
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NUMBER OF SEQ ID NOS:
SEQ ID NO 28550
LENTH: 1374
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
CURRENT APPLICATION NUMBER: US/10/519,390
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: KR10-2003-0051846
PRIOR FILING DATE: 2003-07-26
NUMBER OF SEQ ID NOS: 65
                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc feature LOCATION: (1)...(1374)
OTHER INFORMATION: Ceres Seq. ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 43
TYPE: PRT
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62.5%;
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34471
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71.4%;
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Pred. No.
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Pred. No. 1e+02;
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; OTHER INFORMATION: IL-4: 33rd, 45th, 55th, 73rd, 82nd or 112nd Phe is replaced by US-10-519-390-15
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US-11-176-830-207
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US-11-176-830-546
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SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 207, Appublication No.
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                                                                                                                                                                    Sequence 546, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank AAA59149
DATABASE ENTRY DATE: 1995-01-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OP INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
TITLE OP INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT ENTING NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REPERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
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Local Similarity 75.0%;
les 6; Conservative
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75.0%;
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Pred. No.
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Pred. No. 26;
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APPLICANT: Guyon, Thierry
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Enco
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
FILE REFERENCE: 17109-012002 (922B)
FILE REFERENCE: 17109-012002 (922B)
FILE REFERENCE: 17109-012002 (922B)
FILING DATE: 2005-07-06
FRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-03-21
FRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER: OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 547
TENCTH: 129
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US-11-176-830-547
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PRIOR FILING DATE: 2003-09-08
PRIOR PPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: PastSEQ for Windows Version 4.0
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Best Local
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                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                             Sequence 548, Application US/11176830 Publication No. US20060020116A1
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Best Local Similarity
APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Groon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
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TYPE: PRT
ORGANISM: Homo sapiens
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Pred. No. 26;
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Pred. No.
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR PILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 549
LENGTH: 129
TYPE: PRT
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PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 1306
SOFTWARE: FastSEQ for Windows Version 4.
                                                         Sequence 550, Application US/1; Publication No. US20060020116A; GENERAL INFORMATION: APPLICANT: Gantier, Rene; APPLICANT: Guyon, Thierry; APPLICANT: Drittanti, Lila; APPLICANT: Vega, Manuel
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US-11-176-830-549
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US-11-176-830-548
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Matches 6; Conservation
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Best Local :
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APPLICANT: Vega, Manuel
TITLE OP INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OP INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
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TYPE: PRT
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6; Conservative
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D. US20060020116A1
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75.0%;
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Pred. No. 26;
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-17
PRIOR FILING DATE: 2003-09-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 550
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US-11-176-830-552
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-176-830-550
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                                                                                                                       Sequence 552, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (9228)
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-09
PRIOR FILING DATE: 2003-09-09
PRIOR FILING DATE: 2003-09-09
APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability,
TITLE OF INVENTION: Acid Molecules and Related Applications
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APPLICANT: Drittanti, Lila
APPLICANT: Vega. Manual
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SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Homo sapiens
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Pred. No. 26;
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Pred. No. 26;
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US-11-176-830-552
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PRIOR FILLING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILLING DATE: 2003-03-21
PRIOR PPLICATION NUMBER: 60/409,898
PRIOR PILLING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
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SEQ ID NO 552
LENGTH: 129
TYPE: PRT
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 553
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                                                                                           Sequence 554, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/11/176,830

CURRENT FILING DATE: 2005-07-06

PRIOR APPLICATION NUMBER: 10/658,834

PRIOR PILING DATE: 2003-09-08

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR APPLICATION NUMBER: 60/457,135

PRIOR APPLICATION NUMBER: 60/409,898

PRIOR APPLICATION NUMBER: 60/409,898

PRIOR PILING DATE: 2002-09-09

PRIOR PILING DATE: 2002-09-09
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
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APPLICANT: Guyon, Thier
APPLICANT: Drittanti, L
APPLICANT: Vega, Manuel
                  APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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ORGANISM: Homo sapiens
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OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
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Drittanti, Lila
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                                                                                                                                  Application US/11176830
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                                                                                                                   US20060020116A1
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Pred. No.
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RESULT 34
US-11-176-830-556
; Sequence 556, Application US/11176830
; Publication No. US20060020116A1
; GENERAL INFORMATION:
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US-11-176-830-554
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SOFTWARE: FeatSEQ for Windows Version 4.0
SEQ ID NO 554
LENGTH: 129
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PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 555
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/49,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR PILING DATE: 2002-09-09
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CURRENT EPELICATION NUMBER: U5/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-08
PRIOR FILING DATE: 2003-03-21
APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
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nilarity 75.0%;
Conservative
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Pred. No. 26;
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APPLICANT: Gantler, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
ITILE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
ITILE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
ITILE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2003-09-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 557
LENGTH: 129
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-176-830-556
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                                                              Sequence 558, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:
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Best Local
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APPLICANT: Gantier, Rene
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
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NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
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Similarity 75.0%;
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75.0%;
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PRIOR APPLICATION NUMBER: 10/658 834
PRIOR PILING DATE: 2003-09-08
PRIOR PELING DATE: 2003-09-01
PRIOR PILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR PILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOPTWARE: PastSEQ for Windows Version 4.
SEQ ID NO 559
LENGTH: 129
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-176-830-558
RESULT 38
US-11-176-830-560
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                                                                                                                                                                                                                                            ; TYPE: PRT ; ORGANISM: Homo sapiens US-11-176-830-559
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Best Local :
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Matches 6; Conserv
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TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR PILING DATE: 2003-09-09
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FestSEQ for Windows Version 4.0
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
CURRENT FILING DATE: 2005-07-06
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                                                                                23 LCTELTVT 30
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                                                                                                                                                               Conservative
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Pred. No. 26;
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Sequence 560, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:

APPLICANT: Gantier, Rene APPLICANT: Guyon, Thierry

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RESULT 39
US-11-176-830-561
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-176-830-560
                                                                                  RESULT 40
US-11-176-830-562
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PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEO ID NOS: 1306
SOFTWARE: PastSEQ for Windows Versior
SEQ ID NO 560
Sequence 562, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:
APPLICANT: Gantier, Rene
                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 561
LENGTH: 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu TITLE OF INVENTION: Acid Molecules and Related Applications FILE REFERENCE: 17109-012002 (9228)

CURRENT EPPLICATION NUMBER: US/11/176,830

CURRENT FILING DATE: 2005-07-06

PRIOR APPLICATION NUMBER: 10/658,834

PRIOR PILING DATE: 2003-09-08

PRIOR FILING DATE: 2003-09-08

PRIOR FILING DATE: 2003-03-21
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TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
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PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Homo sapiens
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Local Similarity 75.0%;
hes 6; Conservation
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75.0%;
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Pred. No. 26;
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US-11-176-830-563
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                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 563
LENGTH: 129
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Best Local
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APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu-
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REPERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR PILING DATE: 2003-03-21
PRIOR PILING DATE: 2003-03-03
PRIOR FILING DATE: 2003-03-03
PRIOR FILING DATE: 2003-03-03
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2007-09-09
PRIOR FILING DATE: 2007-
                                                                                                                                                Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR PILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-09-21
PRIOR FILING DATE: 2003-03-21
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
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ORGANISM: Homo sapiens
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23 LCTELTVT 30
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Pred. No. 26;
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RESULT 42 US-11-176-830-564

Sequence 564, Application US/11176830 Publication No. US20060020116A1 GENERAL INFORMATION:

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APPLICANT: Guyon, Thierry
APPLICANT: Guyon, Thierry
APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
FILE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nu
FITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-03-03
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOSE: 1306
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 565
LENGTH: 129
TYPE: PRT
US-11-176-830-566; Sequence 566, Application US/11176830; Publication No. US20060020116A1
                                                                   RESULT 44
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-176-830-564
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PRIOR APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR PILING DATE: 2003-03-21
PRIOR PILING DATE: 2003-09-09
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 1306
NUMBER OF SEQ ID NOS: 1306
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Best Local Similarity
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                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
-11-176-830-565
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Publication No. US20060020116A1
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APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
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APPLICANT: Guyon, Thier
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75.0%;
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26;
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APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nuc
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT APPLICATION NUMBER: US/11/176,830
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR FILING DATE: 2003-09-09
NUMBER OF SEQ ID NOS: 1306
SOFTWARE: FRESEQ for Windows Version 4.0
SEQ ID NO 566
SEQ ID NO 566
LENGTH: 129
TYPE: PRT
TYPE: PRT
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US-11-176-830-567
; Sequence 567, Applicat
; Publication No. US2006
; GENERAL INFORMATION:
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                                                                                                                                                                            ; TYPE: PRT ; ORGANISM: Homo sapiens US-11-176-830-567
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LENGTH: 129
                                                                                        Matches
                                                                                                           Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
APPLICANT: Vega, Manuel
APPLICANT: Vega, Manuel
TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability, Encoding Nur
TITLE OF INVENTION: Acid Molecules and Related Applications
FILE REFERENCE: 17109-012002 (922B)
CURRENT FILING DATE: 2005-07-06
PRIOR APPLICATION NUMBER: 10/658,834
PRIOR FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/457,135
PRIOR APPLICATION NUMBER: 60/409,898
PRIOR FILING DATE: 2003-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
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SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Guyon, Thierry
APPLICANT: Drittanti, Lila
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                                         1 LCTELQTT 8
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  LCTELTVT 30
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                                                                                        Conservative
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75.0%;
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                                                                                                               Score 31; DB
Pred. No. 26;
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RESULT 46 US-10-530-253-17 ; Sequence 17, Application US/10530253

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US-10-469-561-25
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US-10-511-937-2476
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TYPE: PRT
ORGANISM: Human papillomavirus type 33
US-10-530-253-17
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CURRENT FILING DATE: 2003-08-29
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 150
TYPE: PRT
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GENERAL INFORMATION:
                                                                                        Sequence 2476, Application US/10511937 Publication No. US2006008835A1 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Susan P. McElhiney
TITLE ON TOWNSTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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APPLICANT: James Scott Crowe
APPLICANT: Jonathan Henry Ellis
APPLICANT: Alan Peter Lewis
TITLE OF INVENTION: VACCINE
FILE REFERENCE: PG4355USw
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
APPLICANT: EXPRESSION DIAGNOSTICS, APPLICANT: Wohlgemuth, Jay APPLICANT: Fry. Kirk APPLICANT: Woodward, Robert APPLICANT: Ly, Ngoc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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RESULT 50
US-11-289-226-13
US-11-289-226-13
Sequence 13, Application US/11289226
Publication No. US20060084623A1
GENERAL INFORMATION:
APPLICANT: Steinman, Lawrence
APPLICANT: Ruiz, Pedro
APPLICANT: Garren, Hideki
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: West, James W.

APPLICANT: Novak, Julia E.

APPLICANT: Novak, Julia E.

TITLE OF INVENTION: ZALPHA11 LIGAND ANTAGONISTS

FILE REFERENCE: 01-37

CURRENT APPLICATION NUMBER: US/11/174,398

CURRENT FILING DATE: 2005-07-01

PRIOR APPLICATION NUMBER: US/10/282,622

PRIOR APPLICATION NUMBER: 00/337,586
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US-11-174-398-8
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; ORGANISM: Homo sapiens
US-10-511-937-2476
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Publication No. US20050244930A1
GENERAL INFORMATION:
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PRIOR PILING DATE: 2003-04-24
PRIOR APPLICATION NUMBER: US 10/131,831
PRIOR FILING DATE: 2002-04-24
PRIOR FILING DATE: 2002-05-24
PRIOR APPLICATION NUMBER: US 10/325,899
PRIOR FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 3117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Presnell, Scott R. APPLICANT: West, James W. APPLICANT: Novak, Julia E.
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CURRENT APPLICATION NUMBER: US/10/511,937
CURRENT FILING DATE: 2004-10-19
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
TITLE OF INVENTION: AND MONITORING TRANSPLANT REJECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
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TITLE OF INVENTION: DNA Vaccination for Treatment

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US-08-316-239B-3
US-08-316-239B-4
US-08-316-239B-4
US-09-462-993-1
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US-07-909-122-3
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US-07-909-122-3
                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATABLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION NUMBER: US/07/909,122
FILING DATE: 19920706
CLASSIFICATION: TIPODMATION:
NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 28600-20105.01
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 494-0792
TELEFAX: 706141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/07909122
Patent No. 5415995
GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SCHOOLNIK, GARY K.
APPLICANT: PALEFSKY, JOEL M.
TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA
TITLE OF INVENTION: VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: MORRISON & FOERSTER STREET: 755 Page Mill Road CITY: Palo Alto STATE: California COUNTRY: USA
                                                                                                        TYPE: AMINO ACID
STRANDEDNESS: SIT
TOPOLOGY: linear
                                                                                                                                                                                          ENGTH:
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US-09-905-733B-11

US-09-905-73B-11

US-09-905-589-11

US-09-905-589-11

US-09-905-540-16600

US-09-908-914-375C-580

US-09-914-375C-580

US-09-914-375C-580

US-09-328-352-5408

US-09-248-796A-16318

US-09-248-796A-15812

US-09-09-494-2

US-09-010-233-8

US-09-010-233-8

US-09-010-233-8

US-09-1010-233-8

US-09-1010-
  Score 46;
Pred. No.
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e 16600, A
e 58, Appl
e 1682, Appl
e 1618, Appl
e 1618, Appl
e 1618, Appl
e 15812, A
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RESULT 3
US-09-980-523A-4
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Sequence 4, Application US/09980523A
PATENT NO. 6783763
GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
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Patent No. 5629161

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mueller, Martin
APPLICANT: Gissmann, Lutz
TITLE OF INVENTION: Use of HPV-16 E6 and E7-Gene Derived
TITLE OF INVENTION: Peptides for the Diagnostic Purpose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-JUL-1992
APPLICATION NUMBER: EP 91111720.8
FILING DATE: 13-JUL-1991
ATTORNEY/AGENT INFORWATION:
NAME: Madler, Linda A.
REGISTRATION NUMBER: 33,218
REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
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TOPOLOGY: linear
MOLECULE TYPE: peptide
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson,
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; ORGANISM: Human papillomavirus
US-09-701-080C-18
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                                                                                                                                                                                                                                                                            RESULT 5
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GENERAL INFORMATION:
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN P300
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCW
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR FILING DATE: 1998-05-26
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR FILING DATE: 1999-01-05
PRIOR FILING DATE: 1999-01-05
PRIOR FILING DATE: 1999-01-05
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SEQ ID NO 18
LENGTH: 151
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FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR FILING DATE: 2000-05-31
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEG ID NOS: 24
CORPORADED: CREATER TOTAL
                                                                                                                                          GENERAL INFORMATION:
APPLICANT: CHOPPIN,
APPLICANT: BOURGAU
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                                                                                                                                                                                                              Patent No.
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                 APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: FOR STELLE
APPLICANT: FERRIES, ESTELLE
APPLICANT: FERRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
APPLICANT: FERRIES, ESTELLE
APPLICANT: OF TIVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
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ORGANISM: Human Papillomavirus
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REFERENCE: WOB1
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3. 6783763
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9; Conserve
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ilarity 100.0%;
Conservative 0
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US-08-316-239B-3
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                                                                                                                                     US-08-316-239B-3
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LENGTH: 158
TYPE: PRT
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GENERAL INFORMATION:
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Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGERENCE/DOCKET NUMBER: UNME-0001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
TELEPHONE: (703) 817-9453
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                                                                                                                                                                                                                                                                                                                                 TELEFAX: (703) 803-9387 INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 162 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Parmenter, Cheryl A.
TITLE OF INVENTION: Methods and a Diagnostic Aid for
TITLE OF INVENTION: Distinguishing a Subset of HPV th
                                                                                                                                                                                                      MOLECULE TYPE:
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                                                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-SOUTHWAY-TO-THE PC-DOS/MS-SOUTHWAY-TO-THE
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CTTY: Centreville
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nes 9; Conserv
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(703) 803-9387
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   100.0%; ilarity 100.0%; Conservative 0
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100.0%; Pred. No.
tive 0; Mismatch
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                                         Score 46; DB 1
Pred. No. 0.23;
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ELQTTIHDI

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Sequence 14, Application US/08860165A

Patent No. 6004557

GENERAL INFORMATION:

APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper

APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian

TITLE OF INVENTION: VARIANTS OF HUMAN PAPILIOMA VIRUS ANTIGENS
FILE REFERENCE: 1727/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILLING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
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; HYPOTHETICAL:
US-08-316-239B-4
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GENERAL INFORMATION:
APPLICANT: Wheeler, C
APPLICANT: Parmenter,
TITLE OF INVENTION: M
TITLE OF INVENTION: D
TITLE OF INVENTION: D
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
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NAME: Jagtiani, Ajay A.

REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNME-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
TELEFAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
TYPER: 1152 amino acids
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Best Local :
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATB: 30-SEP-1994
CLASSIFICATION: 435
CCANSIFICATION: 435
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6126 Rocky Way Court
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Distinguishing a Subset of HPV that is Associated with an
Increased Risk of Developing Cervical Dysplasia and
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RESULT 10
US-08-117-083-10
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CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 172
TYPE: PRT
                                                                                                                                                                                                                                  Sequence 10, Application US/08117083 Patent No. 5719054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 14
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Patent No. 6306397
                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hoursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 017227/0148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 172
TYPE: PRT
ORGANISM: Human papillomavirus type 16
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                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 46; DB 2; Length 172; Local Similarity 100.0%; Pred. No. 0.25; hes 9; Conservative 0. Miamarana
                    CITY:
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Local Similarity 100.0%; I
nes 9; Conservative 0;
                                    STREET:
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San Francisco
CA
                                                                                                                                                                                                                                                                                                                                                        ELOTTIHDI
                                    4 Embarcadero Center, Suite 3400
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                                                                                                                                                                                                                                                                                                                                                        102
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Pred. No.
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                                                              ; OTHER INFORUS-09-462-993-1
                                                                                                                                                                                                PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
SOPTWARE: PatentIn Ver. 2.2
SEQ ID NO 1
LENGTH: 243
TYPE: PRT
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TELEX: 910 277299
INFORMATION FOR SEG ID NO: 10
SEQUENCE CHARACTERISTICS:
LENGTH: 182 amino acide
TYPE: amino acide
TYPE: amino acide
STRANDENESS: single
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APPLICANT: KIENY, Marie-Paule
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                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REPERSICE: 017753-122

CURRENT PAPLICATION NUMBER: US/09/462,993

CURRENT FILING DATE: 2000-04-17

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR PILING DATE: 1998-07-17

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR APPLICATION NUMBER: FR 97/09152

PRIOR PILING DATE: 1997-07-18

NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILLING DATE: 10-SEP-193
CLASSIFICATION: 435
CLASSIFICATION: 435
  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                 OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
                                                                                                                                                      ORGANISM: Artificial Sequence PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
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NAME: Dreger, Walter H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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LOCATION: 1..182
OTHER INFORMATION: /note= "Xaa refers to stop codon
OTHER INFORMATION: the open reading frame."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BALLOUL, Jean-Marc
BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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  100.0%;
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Score 46; DB 2;
Pred. No. 0.36;
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                    Length 243;
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                                                                                                                                                                        ; TYPE: PRT ; ORGANISM: Human papillomavirus type 16 US-09-359-382-10
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GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
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Patent No. 6306397
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Best Local
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CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1994-12-20
MUMBER: OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS FILE REFERENCE: 017227/0148

FILE REFERENCE: 017227/0148

FILE REFERENCE: 017227/0148

FILE REFERENCE: 017227/0148

CURRENT FILING DATE: 1999-07-23

EARLIER PELLING DATE: 1999-07-23

EARLIER FILING DATE: 1997-09-22

EARLIER FILING DATE: 1997-09-22

EARLIER APPLICATION NUMBER: PCT/AU95/00868

EARLIER FILING DATE: 1995-12-20

EARLIER APPLICATION NUMBER: AU PN0157/94

EARLIER FILING DATE: 1994-12-20

EARLIER FILING DATE: 1994-12-20
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                                                                                          Query Match
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APPLICANT: FRAZER, Ian
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APPLICANT: FRAZER, Ian
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                 LENGTH: 266
y Match 100.0%; Score 46; DB 2; Local Similarity 100.0%; Pred. No. 0.39; hes 9; Conservative 0; Mismatches 0
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ELQTTIHDI 9 |||||||| ELQTTIHDI 33

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GENERAL INFOMATION:

GENERAL INFOMATION:

APPLICANT: MACFARLAN, RODERICK I.

APPLICANT: MACFARLAN, RODERICK I.

APPLICANT: MALIAROS, JIM

ITITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES

FILE REFERENCE: 017237/0149

CURRENT APPLICATION NUMBER: US/09/367,309A

CURRENT APPLICATION NUMBER: PCT/AU98/00080

PRIOR APPLICATION NUMBER: PCT/AU98/00080

PRIOR APPLICATION NUMBER: DU PO 5178

PRIOR APPLICATION NUMBER: AU PO 5178

PRIOR APPLICATION NUMBER: MU PO 5178

PRIOR PILING DATE: 1997-02-19

NUMBER OF SEQ ID NOS: 6

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 1

LENGTH: 266
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                                 S
                                                                                                                                                     LENGTH: 273
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-4
                                                                                                                                                                                                                                                                                                                                                                                                                                           ; GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
; APPLICANT: Cabezon Silva, Te
; APPLICANT: Delisse, Anne-Mar
; APPLICANT: Gerard, Catherine
; APPLICANT: Lombardo-Bencheik
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Best Local Similarity
Conserva
                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
                                                                         Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/09485885 Patent No. 6342224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/09367309A Patent No. 6428807
                                                                                                                                                                                                                                                                                                     FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
                                                                                                                                                                                                                                                                                       PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
131 ELOTTINDI 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25 ELQTTIHDI 33
                                   1 ELQTTIHDI 9
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Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
VENTION: Vaccine
                                                                         Conservative
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Pred. No. 0.39;
                                                                                           Score 46; DB 2;
Pred. No. 0.4;
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GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Benchaikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT APPLICATION NUMBER: 2000-02-18
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US-09-485-885-6
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                                                                                                                                                          US-09-485-885-6
                                                                                                                                                                           ; SOFTWARE: FASTSEQ for Ware Comments of SEQ ID NO 6; LENGTH: 371
TYPE: PRT TYPE: PRT ORGANISM: Homo sapien
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US-09-485-885-10
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FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILLNG DATE: 1998-08-17
PRIOR FILLNG DATE: 1998-08-17
PRIOR PHILONION NUMBER: GB 9717953.5
PRIOR FILLNG DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                         Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 9; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09485885 Patent No. 6342224
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LENGTH: 292
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APPLICANT:
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APPLICANT:
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Patent No. 6342224
                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
131 ELQTTIHDI 139
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                          1 ELQTTIHDI 9
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Similarity 100.0%;
9; Conservative 0
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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                                                                                               Score 46; DB 2;
Pred. No. 0.56;
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Pred. No. 0.43;
                                                                               Mismatches
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RESULT 18 US-09-485-885-14 ; Sequence 14, A

Application US/09485885

6342224

Bruck, Claudine

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PILE REFERENCE: 845107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/SP98/05285
PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 14
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US-08-787-547-102
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APPLICANT: Bruck, C.
APPLICANT: Cabezon:
APPLICANT: Delisse,
APPLICANT: Gerard,
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Best Local Similarity 100.0%;
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TYPE: PRT
ORGANISM: Homo sapien
                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
OPERATING SYSTEM: Windows Version
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,547
FILING DATE: 22-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hedley, Mary Lynne
APPLICANT: Curley, Joanne M.
APPLICANT: Langer, Robert S.
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY
TITLE OF INVENTION: OF NUCLEIC ACID
                                                                                                  NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 081
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS: Fish & Richardson, P.C.
                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02110-2804
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 150 ELQTTIHDI 158
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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9 amino acids
                                                                                 617-542-8906
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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-787-547-102
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US-08-159-339A-248
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Best Local Similarity
Matches 8; Conserv
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Patent No. 603
                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/159,339A
PILING DATE: 29-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
PILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
PILING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
PILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELEPHONE: (415) 576-0200
                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding peptides and Their
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
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                                                                                                                              TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                             LENGTH: 9 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Francisco
                                                                                                                                                                                                                                                                TELEFAX: (415) 576-0300
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                                             Similarity
8; Conserv
LOTTINDI
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                                             Conservative
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linear
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                                                                                                                            peptide
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y 100.0%; Pred. No.
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100.0%; Pred. No. 4.6e+05;
tive 0; Mismatches 0;
                                                100.0%; Five 0;
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US-08-913-159-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-934-915-159
                                                                                                                                                                                                    Sequence 14, Application US/08913159 Patent No. 6300109
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 89.1%;
Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 159, Application US/08934915 Patent No. 5932412 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows 3.0

SOFTWARE: Microsoft Word 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/934,915

FILING DATE: 22-SEP-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: DILLMER, LENA
APPLICANT: CHEMG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC
TITLE OF INVENTION: DAPILLOMA
TITLE OF INVENTION: USEFUL IN
TITLE OF INVENTION: DIAGNOSTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 813-538-3800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. Foutch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 813-538-3820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 37
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/949,836 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: CLEARWATER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: MASON & ASSOCIATES, P.A. STREET: 17757 U.S. HWY. 19 NORTH, SUITE 500
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                                                                                                                                                                                                                                                                                                                                                   1 ELQTTIHDI 9
                                                                                                                                                                                                                                                                                                                            ELOTTIHNI 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PAPILLOMAVIRUS 1, 5, 6, 8, 11, 16, 18, 31, 33 AND 56, USEFUL IN IMMUNOASSAY FOR DIAGNOSTIC PURPOSES
                                                                                                                        Plasmid-derived type II restriction-modification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SYNTHETIC PEPTIDES OF HUMAN PAPILLOMAVIRUS 1, 5, 6, 8,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           159:
                                                                                                                                                                                                                                                                                                                                                                                                                           Score 41; DB 1
Pred. No. 0.22;
                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
      Version #1.30 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                        systems from Lactococcus lactis
                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
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US-09-949-016-6612
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Sequence 6612, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PRILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR PRILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: DK 017
FILING DATE: 17-FEB-1995
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 317 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 28
LENGTH: 248
TYPE: PRT
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APPLICANT: Wakamiya, No. 678
TITLE OF INVENTION: NOVEL CO
FILE REFERENCE: 19036/36615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/600,932
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/JP98/03328
PRIOR FILING DATE: 1998-07-24
PRIOR APPLICATION NUMBER: JP 10-11281
PRIOR FILING DATE: 1998-01-23
NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                        106 ELOATLHD 113
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                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ELQTTIHD 8
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Similarity 75.0%;
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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75.0%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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44;
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37;
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; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human
; OPGANISM: Human
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US-09-949-016-8481
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US-09-949-016-9058
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Best Local Similarity
Whiches 6; Conserve
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US-09-949-016-8481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6612
                                                                           GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-09-08
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Best Local Similarity 75.0%;
                                                                                                                                                                                                                                                                                                                                              Sequence 9058, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 8481
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 9058 LENGTH: 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                              NUMBER OF SEQ ID NOS: 207012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 251
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75.0%;
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Pred. No. 45;
1; Mismatches
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FALENT NO. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTEN: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
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US-08-936-165A-297
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Best Local Similarity
Thes 6; Conservi
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US-09-949-016-9059
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US-09-949-016-9058
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US-09-949-016-9059
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Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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TYPE: PRT
                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSES: SmithKline Beecham Corporation
                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                               CITY: King of Prussia
                                                                                                             ADDRESSEE: Smill....
                                                             COUNTRY:
                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               109 ELQATLHD 116
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                                                                                      PA
                                                                                                                                                                                                                                                             Pratt, JulieReichard, RichardRosenberg, MartinWard, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08936165A
                                                                    USA
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                                                                                                                                                                                                                                                                                                                                               Knowles, David
Lonetto, Michael
Nicholas, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09949016
                                                                                                                                                                                                                                                                                                                                                                                                                                 Burnham, Martin
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Black, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          76.1%;
75.0%;
                                                                                                                                                                                          No. 6348582el Prokaryotic Polynucleotides,
Polypeptides and Their Uses
534
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75.0%;
                                                                                                                                    Road
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Pred. No. 45;
1; Mismatches
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Pred. No. 46;
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IBM Compatible

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TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GTITLE OF INVENTION: RESISTANCE AND TOLERANCE PROFILE REFERENCE: BGI-124CP
FILE REFERENCE: BGI-124CP
CURRENT APPLICATION NUMBER: U$/09/603,208A
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR APPLICATION NUMBER: 60/142692
PRIOR APPLICATION NUMBER: 60/151214
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 60/151214
PRIOR APPLICATION NUMBER: DE 19930429.7
PRIOR FILING DATE: 1999-08-27
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: DE 19931413.6
PRIOR FILING DATE: 1999-07-08
PRIOR PILING DATE: 1999-07-08
PRIOR PILING DATE: 1999-07-08
PRIOR PILING DATE: 1999-07-08
PRIOR PILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR FILING DATE: 1999-07-08
PRIOR FILING DATE: 1999-07-08
PRIOR FILING DATE: 1999-07-08
PRIOR FILING DATE: 1999-07-08
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P50549
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/027,032
FILING DATE: 24-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
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Local Similarity 66.7%;
hes 6; Conservative
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                                                                              APPLICATION NUMBER: FILING DATE: 1999-0
                                   FILING DATE:
                                                       APPLICATION NUMBER:
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Lee, Heung-Shick
Kim, Hyung-Joon
CORYNEBACTERIUM GLUTAMICUM GENES ENCODING
TON: CORYNEBACTERIUM GLUTAMICE PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09603208A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Schroder,
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                                   1999-07-09
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999-07-14
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                                                                                                  DE 19932209.0
                                                          DE 19932230.9
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Pred. No. 14;
2; Mismatches
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; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-603-208A-62
                                                                                                                                                                                                                                                                                                                                                                                    RESULT 31
US-09-248-796A-20895
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US-09-949-016-7565
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US-09-949-016-7565
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                                                                                GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: WCLLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107195.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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Matches
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 20895
LENGTH: 695
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 7565
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7565, Application US/09949016 Patent No. 6812339
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Best Local Similarity 66.7%;
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PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19941382.7
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 306
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mes 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               73.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 34; DB 2;
Pred. No. 1.9e+02;
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Pred. No. 1.1e+02;
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 22216
LENGTH: 811
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US-09-252-991A-22216
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Best Local Similarity 66.7%;
Matches 6; Conservative
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APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John F
APPLICANT: Smithson, Glennda
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
            APPLICANT: Shimkets, Richard A
TITLE OF INVENTION: No. 6875570el Proteins and Nucleic Acids Encoding
FILE REFERENCE: 21402-124
CURRENT APPLICATION NUMBER: US/09/964,956
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/235,631
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICATION NUMBER: 60/235,808
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28 EVQTTVEDI 36
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Grosse, William M
Alsobrook II, John P
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Stone, David
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Padigaru, Muralidhara
Kekuda, Ramesh
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Smithson, Glennda
                                                                                                                                                                                             Spytek, Kimberly A
Leach, Martin D
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75.0%;
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Pred. No. 2.4e+02;
1; Mismatches 1
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US-09-964-956-44
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Best Local Similarity 66.7%;
Matches 6; Conservative
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                                                                                                                                                                                                          APPLICANT: Alsobrook II, John P
APPLICANT: Lepley, Denise M
APPLICANT: Burgess, Catherine E
APPLICANT: Padigaru, Muralidhara
APPLICANT: Kekuda, Ramesh
APPLICANT: Spytek, Kimberly A
APPLICANT: Leach, Martin D
APPLICANT: Leach, Martin D
APPLICANT: Shimkets, Richard A
TITLE OF INVENTION: No. 6875570el Proteins and Nucleic Acids Encoding
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SOFTWARE: PatentIn Ver. 2
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                 PRIOR APPLICATION NUMBER: 60/235,631
PRIOR FILING DATE: 2000-09-27
PRIOR PELLING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/235,808
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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                                                                                                                                              FILE REFERENCE: 21402-124
CURRENT APPLICATION NUMBER: US/09/964,956
CURRENT FILING DATE: 2001-09-26
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APPLICANT: MacDougall, John F
APPLICANT: Smithson, Glennda
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TYPE: PRT
ORGANISM: Homo sapiens
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R APPLICATION NUMBER: 60/238,321
DR FILING DATE: 2000-10-05
DR PILING DATE: 2000-10-06
DR PILING DATE: 2000-10-06
DR PILING DATE: 2000-10-06
DR FILING DATE: 2000-10-06
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APPLICATION NUMBER: 60/236,065
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APPLICATION NUMBER: 60/235,808 FILING DATE: 2000-09-27 APPLICATION NUMBER: 60/236,064
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Grosse, William M
Alsobrook II, John P
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Stone, David
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Pred. No. 6e+02;
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APPLICATION NUMBER: 60/236,065

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US-09-964-956-44
                                                                                                           ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/118,270

FILING DATE: 09-SEP-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/943,236

FILING DATE: 10-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: TOWERS! US 07/943,236
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Best Local Similarity 66.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-07-12
NUMBER OF SEQ ID NOS: 127
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APPLICANT: Schuster, David I.
TITLE OF INVENTION: POLYBEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CTIV. Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 1905
                                     TELECOMMUNICATION INFORMATION:
                                         REFERENCE/DOCKET NUMBER: MUI
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
                                                                            NAME: Townsend, Kevin G. REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington STATE: D.C.
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                                                            MURPHY=2A
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Pred. No. 6e+02;
2; Mismatches
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SEQUENCE CHARACTERISTICS:
LENGTH: 59 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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Best Local Similarity
Matches 5; Conserv
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Best Local S
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                                                                Matches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 59 amino acids
                                                                                                                                                                                                                                                                                                                                  FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Townsend, Kevin G.
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: MURPHY=2 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US93/08528
FILING DATE: 09-SEP-1993
PRIOR APPLICATION NUMBER: US 07/943,236
APPLICATION NUMBER: US 07/943,236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: New York University
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOPTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                               TYPE: amino acid
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                                                                                                                                                                   TOPOLOGY:
25
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                               1 ELQTTIHDI 9
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                                                                Similarity 55.0 5; Conservative
 ELSSTLHDL 33
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419 Seventh Street, N.W., Suite 300
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nilarity 55.6%;
Conservative
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                                                                                71.7%;
55.6%;
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                                                                Score 33; DB
Pred. No. 23;
3; Mismatches
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23;
                                                                                                 DB 4; Length 59;
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                                                                  Gaps
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RESULT 37 US-09-270-767-33046 ; Sequence 33046, Application US/09270767

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, ORGANISM: Drosophila melanogaster US-09-270-767-48263
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US-09-270-767-48263
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; ORGANISM: Drosophila melanogaster
US-09-270-767-33046
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US-09-134-001C-4050
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Patent No. 6703491

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster TITLE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 48263
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 33046
LENGTH: 166
                                         SEQ ID NO 4050
LENGTH: 198
TYPE: PRT
                                                                                                                                                                                                                                   Sequence 4050, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
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Best Local Similarity
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ORGANISM: Staphylococcus epidermidis -09-134-001C-4050
                                                                                             CURRENT APPLICATION NUMBER: US/09/134,001C CURRENT FILING DATE: 1998-08-13 PRIOR APPLICATION NUMBER: US 60/064,964 PRIOR FILING DATE: 1997-11-08 PRIOR APPLICATION NUMBER: US 60/055,779 PRIOR APPLICATION NUMBER: US 60/055,779 PRIOR FILING DATE: 1997-08-14 NUMBER OF SEQ ID NOS: 5674
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tes 5; Conservarion
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62.5%;
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Pred. No.
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Pred. No. 69;
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* Matches
                                                 ; SOFTWARE: Microsoft Office 97
; SEQ ID NO 19
; LENGTH: 500
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-10-214-269-19
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                                                                                                                                                     APPLICANT: Thorpe, Catherine J.
TITLE OF INVENTION: Phytochelatin Synthase
FILE REFERENCE: BB1511 US NA
CURRENT APPLICATION NUMBER: US/10/214,269
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,521
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 21
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Patent No. 6489537
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Best Local
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Best Local Similarity
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APPLICANT: Clemens, Stephan
TITLE OF INVENTION: NOVEL PHYTOCHELATIN SYNTHASES AND USES THEREFOR
FILB REFERENCE: 9596-102U1/209596.0289
FILB REFERENCE: 9596-102U1/209596.0289
CURRENT APPLICATION NUMBER: US/09/354,123
CURRENT FILING DATE: 1999-07-15
EARLIER APPLICATION NUMBER: 09/315,449
EARLIER FILING DATE: 1999-05-20
EARLIER FILING DATE: 1999-05-20
EARLIER FILING DATE: 1999-05-20
EARLIER APPLICATION NUMBER: 60/095,624
EARLIER FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Vatamaniuk, Olena K.
APPLICANT: Mari, Stephane
APPLICANT: Lu, Yu-Ping
APPLICANT: Schroeder, Julian I.
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                    APPLICANT: Butler, Karlene H.
APPLICANT: Famodu, Omolayo C
APPLICANT: Harvell, Leslie T
APPLICANT: Orozco, Jr., Emil
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TYPE: PRT
ORGANISM: Triticum aestivum
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5; Conserva
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Harvell, Leslie T.
Orozco, Jr., Emil M.
Rasco-Gaunt, Sonriza
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 71.7%;
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;; Pred. No. 2.2e+02;
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Pred. No.
   Score 33;
Pred. No.
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     DB 2; L
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                    Length 500;
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RESULT 44
US-09-248-796A-20513
· Secuence 20513, Application US/09248796A
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Best Local Similarity
Watches 7; Conserve
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Best Local Similarity
Matches 5; Conserve
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US-09-543-681A-7528
                                                                                                                                                                                                                                                                               Sequence 7528, Application US/09543681A

Patent No. 6605709

GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR OF SEQ ID NOS: 8344
SEQ ID NO 7528
LENGTH: 738

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US-09-990-337-3
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SEQ ID NO 3
LENGTH: 503
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Patent No. 6703223
GENERAL INFORMATION:
APPLICANT: BATHE, Brigitte
APPLICANT: SCHISCHKA, Nata
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CURRENT FILING DATE: 2001-11-23
PRIOR PPLICATION NUMBER: DE10057802.0
PRIOR FILING DATE: 2000-11-22
PRIOR APPLICATION NUMBER: DE10125089.4
PRIOR FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: BOTT, Michael
APPLICANT: SCHAFFER, Steffan
APPLICANT: SCHAFFER, Steffan
TITLE OF INVENTION: NUCLECTIDE SEQUENCES CODING FOR THE MtrA and/or MtrB PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 7
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                                                                                                                                          1 ELQTTIHDI 9
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77.8%;
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55.6%;
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Pred. No. 3.4e+02;
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Pred. No. 2
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RESULT 46
US-09-949-016-8280
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                    GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                          Sequence 8280, Application US/09949016
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 31032
LENGTH: 1128
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LENGTH: 933
TYPE: PRT
ORGANISM: Candida albicans
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 31032, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6747137
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TITLE OF INVENTION: NUCLRIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAT
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
CURRENT APPLICATION NUMBER: US/09/949,016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: UNSURE LOCATION: (635)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                            1010 ELRTTVHE 1017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     263 EVATTLHDL 271
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                                                                                                                                                                                                                                                                                                                                                                                                                71.7%;
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Pred. No. 5.3e+02;
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Pred. No. 4.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 1128;
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US-09-949-016-8282
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Best Local Similarity
Warches 5; Conserve
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US-09-949-016-8281
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US-09-949-016-8280
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTENS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUWAN DISEASE, METHODS OF DETECTION AND USES
TITLE OF INVENTION: WITH HUWAN DISEASE, METHODS OF DETECTION AND USES
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 8281, Application US/09949016 Patent No. 6812339
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Best Local :
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Patent No. 6812339
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8281
LENGTH: 1769
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
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TYPE: PRT
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55.6%;
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Pred. No. 8.6e+02;
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LENGTH: 1769
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-8282
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US-09-040-738-2
                             TOPOLOGY: 1; MOLECULE TYPE: US-09-040-738-2
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Best Local Similarity
Matches 5; Conserv
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PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                          APPLICATION NUMBER: GB9411900.5
FILING DATE: 14-June-1994
PRIOR APPLICATION DATA: PCT/GB94/02823
APPLICATION NUMBER: PCT/GB94/02823
FILING DATE: 23-December-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,426
FILING DATE: 30-May-1996
ATTORNEY,AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Sampso
                                                                                                                                     TELEFAX: 617-345-9111 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sampson et al.
TITLE OF INVENTION: Tuberc
TITLE OF INVENTION: Therec
NUMBER OF SEQUENCES: 4
                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 1784 amino aci
                                                                                                                                                                       NAME: Williams, Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 32
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 24-December-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Wordperfect 6.1a
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: Concur
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
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                                                                               amino acid
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                                                                  linear
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55.6%;
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Pred. No. 8.6e+02;
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Length 1784;
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Query Match

71.7%;

Score 33;

BB <u>ب</u>

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Search completed: May 5, 2006, 03:13:19 Job time: 22.7 secs
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US-08-652-426A-2
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                                                                                                                                                                                                                                                         US-08-652-426A-2
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 6.1a

CURRENT APPLICATION NUMBER: US/08/652,426A

FILING DATE: 01-October-1996

CLASSIFICATION DATA:

APPLICATION NUMBER: GB9326470.3

FILING DATE: 12/24/93

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB9326470.3

FILING DATE: 12/24/93

PRIOR APPLICATION NUMBER: GB9326470.3

FILING DATE: 06/14/94

PRIOR APPLICATION NUMBER: GB9411900.5

FILING DATE: 06/14/94

PRIOR APPLICATION NUMBER: GB9411900.5

FILING DATE: 05/14/94

PRIOR APPLICATION NUMBER: GB94100.5

FILING DATE: 05/14/94

PRIOR APPLICATION NUMBER: 9CT/GB94/02823

FILING DATE: 12/23/94

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Kathleen M.

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 96,738

TELECOMMUNICATION INFORMATION:

TELEPAN: 617-345-9100
                                                                                                                                                                 Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08652426A
Patent No. 6232452
GENERAL INFORMATION:
APPLICANT: Sampson et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 55.6%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 617-345-9100
TELEPAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1784 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sampson et al.
TITLE OF INVENTION: Tuberous Sclerosis 2 Gene and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                LENGTH: 1784 amino acids
TYPE: amino acid
TOPOLOGY: linear
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
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ITILE OF INVENTION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
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PRIOR FILING DATE: 2002-07-20
PRIOR FILING DATE: 2001-07-20
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 10
TYPE: PAT
CORGANISM: Human papillomavirus
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GENERAL INFORMATION:
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, ISAbelle
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US-10-429-782-20
US-10-450-763-47887
US-10-450-763-43408
US-10-450-763-43408
US-10-450-763-43408
US-10-450-763-4815
US-10-450-763-4815
US-10-450-763-37868
US-10-450-763-37868
US-10-450-763-37868
US-10-450-763-37868
US-10-450-763-37868
US-10-450-763-38415
US-10-450-763-38415
US-10-450-763-38492
US-10-450-763-38491
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Pred. No. 0.04;
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15, Appl
15, Appl
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37868, A
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37266, A
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37266, A
37266, A
3727, A
3727, Appl
37471, Appl
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102, App
125, App
147, App
20, Appl
47887, A
14887, A
14887, A
143408, Ap
143408, Ap
156986, A
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APPLICANT: GUILLET, Jean-Gerard

TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7

TITLE OF INVENTION: papillomavirus proteins and uses thereof

FILE REFERENCE: 4563-5071-US

CURRENT APPLICATION NUMBER: US/10/476,570

CURRENT FILING DATE: 2003-11-04

PRIOR APPLICATION NUMBER: PCT/FR02/01533

PRIOR FILING DATE: 2002-05-03

PRIOR FILING DATE: 2001-05-04

NUMBER OF SEQ ID NOS: 63

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 21

LENGTH: 15

TYPE: PFT

ORGANISM: artificial sequence

FEATURE:

COUNTED THEOREMATION. Description of the artificial sequence
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICI
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
                                                                                                                                                                           , OTHER INFORMATION: Description of the artificial sequence: peptide \textsc{us-10-476-570-22}
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US-10-476-570-22
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SEQ ID NO 22
LENGTH: 15
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                                                                                                            Query Match
Best Local Similarity
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Best Local Similarity
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TYPE: PRT
                                                                                                                                                                                                                          FEATURE:
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                         1 BLQTTIHDI
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ELOTTIHDI
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                                                                                                            Score 46; DB 4;
Pred. No. 0.062;
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Pred. No. 0.062;
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RESULT 4 US-10-476-570-8

Sequence 8, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:

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US-10-476-570-53
Sequence 53, Application US/10476570
Dilication No. US20040170644A1
GENERAL INFORMATION:
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                                                                                          RESULT 6
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APPLICANT: LU, PETER
APPLICANT: GERMAN, JO
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARMI
APPLICANT: SCHWEIZER,
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Best Local :
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Best Local Similarity
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LENGTH: 21
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APPLICANT: BOUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from B6 and/or )
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REPERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT PILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
PRIOR FILING DATE: 2003-12-23
PRIOR FILING DATE: 3003-12-23
PRIOR FILING DATE: 3003-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BELMARÉS, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: FR 01 05980 PRIOR FILING DATE: 2001-05-04 NUMBER OF SEQ ID NOS: 63 SOFTWARE: Patentin Ver. 2.1
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2002-05-03
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Local Similarity 100.0%; Pred. No. 0.11;
hes 9; Conservative 0; Mismatches 0; Indels
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Pred. No. 0.089;
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APPLICANT: BOURGAUT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: ERRRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
APPLICANT: OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: 0508-1037-1
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT APPLICATION NUMBER: FR 9907012
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
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PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 53
LENGTH: 30
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of the artificial sequence: peptide E6 15-44 US-10-476-570-53
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Best Local (
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                                                                                                                  Query Match
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: CHOPPIN,
                                                                                                                                                                                                                                         LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                OTHER INFORMATION: Description of the Artificial Sequence: Peptide fragment OTHER INFORMATION: for E6 of HPV
                                                                                                                                                                                                                       FEATURE:
                                                                                                   ocal Similarity
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100.0%; Pred. No.
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100.0%; Pred. No. 0.13;
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                           Query Match
Best Local Similarity
Watches 9; Conserve
                                                                                                                                                ; FEATURE: ; OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-46 US-10-476-570-19
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CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 19
LENGTH: 33
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publication No. US20040170644A1
GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILERE, BEVINATA
APPLICANT: MAILERE, BEVINATA
APPLICANT: BOURGAULT-VILLADA, Isabelle
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDI
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
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APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
                                                                                                                                                                                                   TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: artificial sequence
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     1 ELQTTIHDI 9
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                                                     Conservative
                                                                       100.0%; Score 46; DB 4
100.0%; Pred. No. 0.15;
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                                                     Mismatches
                                                                                                DB 4;
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                                                                                             Length 33;
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APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR APPLICATION NUMBER: 50/306,809
PRIOR PILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver: 2.1
RESULT 12
US-10-484-063-27
; Sequence 27, Application US/10484063
; Publication No. US20050048467A1
; GENERAL INFORMATION:
; APPLICANT: SASTRY, K. JAGANNADHA
                                                                                                                                                                                                                                                                                                                                                          ; SEQ ID NO 20
, LENGTH: 151
; TYPE: PRT
; ORGANISM: Human papillomavirus
US-10-484-063-20
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Best Local Similarity
"hes 9; Conserv?
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US-10-177-390-6
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Publication No. US20030143743A1
GENERAL INFORMATION:
APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiscentrum
APPLICANT: N.V. Antwerps Innovatiscentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polynuclectides by Electroporation
FILE REFERENCE: 021505wo/JH/ml
CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
SOOTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 151
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Best Local Similarity
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100.0%; Pred. No. 0.77;
tive 0; Mismatches
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PRIOR APPLICATION NUMBER: PR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOPTWARE: Patentin Ver: 3.2
SEQ ID NO 2
LENGTH: 158
TYPE: PRT
ORGANISM: Human Papillomavirus
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CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR PILING DATE: 2001-07-20
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                              US-10-367-057-16
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Publication No. US20050033025A1

Publication No. US20050033025A1

GENERAL INFORMATION:

APPLICANT: CHOPPIN, JEANNINE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FORNAIS, STELLE

APPLICANT: FERRIES, ESTELLE

TITLE OP INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OP INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
                                                           Sequence 16, Application US/10367057
publication No. US20050100554A1
GENERAL INFORMATION:
APPLICANT: Cuthill, Scott;
APPLICANT: Jackson, Amanda;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
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Best Local Similarity
Matches 9; Conserv
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CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
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TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Same
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100.0%; Pred. No. 0.77;
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Sequence 2, Application US/10472724

Publication No. US20040171806A1

GENERAL INFORMATION:

APPLICANT: Cid-Arregui, Angel
APPLICANT: Cid-Arregui, Harald

TITLE OF INVENTION: Modified HPV E6 and E7 ge
FILE REFERENCE: 4121-154

CURRENT APPLICATION NUMBER: US/10/472,724

CURRENT APPLICATION NUMBER: DE7/EP02/03271

PRIOR FILING DATE: 2002-03-22

PRIOR APPLICATION NUMBER: EP 01107271.7

PRIOR APPLICATION NUMBER: E7 01107271.7
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Best Local Similarity
Watches 9; Conserva
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US-11-021-949-13
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US-10-367-057-16
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US-10-472-724-2
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SEQ ID NO 16
LENCTH: 158
TYPE: PRT
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Best Local
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
RUMBER OF SEQ ID NOS: 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: GARMAN, JONATHAN DAVID APPLICANT: BELMARES, MICHAEL P. APPLICANT: DIAZ-SARMIPANTO APPLICANTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 21402-559
CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
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es 9; Conserv
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No. US20050142541A1
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Pred. No. 0.81;
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Pred. No. 0.81;
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                                                                                                                           genes and proteins useful for vaccination
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PRIOR FILING DATE: 2001-03-23 NUMBER OF SEQ ID NOS: 27 SOFTWARE: PatentIn version 3.2

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TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REFERENCE: 017753-122 (CURRENT APPLICATION NUMBER: US/11/072,288 (CURRENT FILING DATE: 2005-03-07 (CURRENT FILING DATE: 2005-03-07 (CURRENT FILING DATE: 2005-07-17 (CURRENT FILING DATE: 2000-04-17 (CURRENT FILING DATE: 2000-04-17 (CURRENT FILING DATE: 1998-07-17 (CURRENT FILING DATE: 1998-07-17 (CURRENT FILING DATE: 1998-07-17 (CURRENT FILING DATE: 1998-07-17 (CURRENT APPLICATION NUMBER: FR 97/09152 (CURRENT APPLICATION NUMBER: FR 97/09152 (CURRENT APPLICATION NUMBER: FR 97/09152 (CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: CU
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US-11-072-288-1
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LENGTH: 171
                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09367309A
Publication No. US20020081329A1
GENERAL INFORMATION:
APPLICANT: MACHARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
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Best Local
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                          APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
PRIOR FILING DATE: 1997-02-19
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APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
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les 9; Conserv
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SEQ ID NOS: 6
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ilarity 100.0%;
Conservative 0
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Pred. No. 0.88;
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US-10-000-903-4
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FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR APPLICATION NUMBER: B9717953.5
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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SEQ ID NO 1
LENGTH: 266
        TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR TILING DATE: 2000-06-20
PRIOR TILING DATE: 1900-16-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PRIOR PRIOR IN 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEO ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
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Publication No. US20020182221A1
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APPLICANT: Gerard, Catherine Marie Ghislaine
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TYPE: PRT
LENGTH: 273
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Local Similarity 100.0%;
hes 9; Conservative 0
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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ilarity 100.0%;
Conservative 0
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Pred. No. 1.5;
Mismatches 0; Indels
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US-10-899-771-10
; Sequence 10, Application US/10899771
; Publication No. US20050031638A1
; GENERAL INFORMATION:
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Best Local S
Matches 9
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Best Local Similarity 100.0%;
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LENGTH: 292
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                                    APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Dalemans, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PILING DATE: 1998-12-18
PRIOR PILING DATE: 1997-12-24
PRIOR FILING DATE: 1997-12-24
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PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
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NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
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ORGANISM: Artificial Sequence
PEATURE:
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ses 9; Conserv
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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ilarity 100.0%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 46; DB 4; Length 292; Pred. No. 1.6;
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NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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Best Local Similarity
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/10899771
Publication No. US20050031638A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
APPLICANT: Dalemans, Wilfried L.J.
APPLICANT: Dalemans, Catherine Marie Ghislaine
APPLICANT: Dalemans, Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT APPLICATION NUMBER: US/09/581,976
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gerard, Catherin
APPLICANT: Lombardo-Benchel
TITLE OF INVENTION: Vaccine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 371
TYPE: PRT
ORGANISM: Homo sapien
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Dellse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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ilarity 100.0%;
Conservative 0;
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SOFTWARE: FastSEQ for Windows Version 3

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ORGANISM: Artificial Sequence; ORGANISM: Artificial Sequence; FEATURE: FEATURE: OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius; OTHER INFORMATION: influenzae B and B6E7 fusion from Human papilli; OTHER INFORMATION: virus type 16)
US-10-899-771-6
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US-10-000-903-14
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FILE REFERENCE: B45124

CURRENT APPLICATION NUMBER: US/10/899,771

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: US/09/581,976

PRIOR PILING DATE: 2000-06-20

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR PILING DATE: 1997-12-24

NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                  Sequence 14, Application US/10899771

Publication No. US20050031638A1

GENERAL INFORMATION:

APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine

TITLE OF INVENTION: compositions Comprising Human Papilloma Virus Proteins

TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Te
APPLICANT: Calisse, Anne-Mar
APPLICANT: Gerard, Catherine
APPLICANT: Lombardo-Bencheik
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
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Best Local Similarity
Matches 9; Conserv
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SOFTWARE: FRSTSEQ for Windows Version 3.0
SEQ ID NO 14
LENGTH: 390
TYPE: PRT
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LENGTH: 371
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Best Local :
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP99/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapien
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Local Similarity 100.0%;
hes 9; Conservative 0
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Pred. No. 2.1;
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; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus; OTHER INFORMATION: pneumoniae and E6E7 fusion from Human papilloma; OTHER INFORMATION: virus type 16)
US-10-899-771-14
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                                                                                                                                                             ; OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-367-095-10
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US-10-367-095-10
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PRIOR PILING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,161
PRIOR PELICATION NUMBER: US 60/356,161
PRIOR PELING DATE: 2002-02-14
PRIOR PELING DATE: 2002-02-14
PRIOR PELING DATE: 2002-02-14
PRIOR PELING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,157
PRIOR PELICATION NUMBER: US 60/356,157
PRIOR PELICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,156
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                                                                                                                                                                                                                                                          Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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SEQ ID NO 14
LENGTH: 390
TYPE: PRT
                                                                             Matches
                                                                                                                     Query Match
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PRIOR APPLICATION NUMBER: US 60/356,123
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                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/356,135 PRIOR FILING DATE: 2002-02-14
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                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                             TYPE: PRT
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                                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/356,154 FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,113
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                                                                           Similarity 9; Conserv
ELOTTINDI 503
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                                                                             Conservative
                                                                                                  100.0%;
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                                                                                                     Score 46;
Pred. No.
                                                                               Mismatches
                                                                                                                     DB 4;
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RESULT 28 US-10-368-046-10 ; Sequence 10, A

Application US/10368046

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RESULT 29
US-10-367-367-10
; Sequence 10, App
; Publication No.
                                                                                                                                           TITLE OF INVENTION: Optimization of Gene Sequences of TITLE OF INVENTION: Virus-Like Particles for Expression FILE REFERENCE: 44149-2US1
CURRENT APPLICATION NUMBER: US/10/367,367
CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
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PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
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SEQ ID NO 10
LENGTH: 536
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PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR PILLING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR APPLICATION NUMBER: US 60/356,154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Robin A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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CURRENT APPLICATION NUMBER: US/10/368,046
CURRENT FILING DATE: 2003-02-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Robin A. APPLICANT: Vittori
                 PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
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NUMBER OF SEQ ID NOS: 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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SEQ ID NOS: 13
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No. US20040121465A1
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; OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-367-367-10
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CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR PPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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Best Local S
Matches 9
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SEQ ID NO 10
LENGTH: 536
TYPE: PRT
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Best Local Similarity
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Publication No. US20050118191A1
                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR PRIOR
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                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
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                                                                                                                                                                                                                                  LENGTH: 53
TYPE: PRT
                                                                                                                                                                                                                                                                                                                Remaining Prior Applicat
NUMBER OF SEQ ID NOS: 13
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                                                                                                                                                                         OTHER INFORMATION: HPV-16 L2/E6 fusion protein
                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/356,123 FILING DATE: 2002-02-14
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9; Conser
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  ELOTTINDI
                                                                       100.0%; Score 46; DB 5; Length 536; ilarity 100.0%; Pred. No. 3.1; Conservative 0; Mismatches 0: Indela
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RESULT 31 US-10-820-155-42 ; Sequence 42, Application US/10820155 ; Publication No. US20050137126A1

GENERAL INFORMATION:

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Query Match
Best Local Similarity
Marches 7; Conservi
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TYPE: PRT
; ORGANISM: Canis familiaris
US-10-820-155-42
Sequence 102, Application US/09909460
Publication No. US20020182258A1
GENERAL INFORMATION:
APPLICANT: Lunsford, Lynn B.
APPLICANT: Hedley, Mary Lynn
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY OF NUCLEIC
TITLE OF INVENTION: MCIOPARTICLES FOR DELIVERY OF NUCLEIC
TITLE OF INVENTION: MCIOPARTICLES FOR DELIVERY OF NUCLEIC
TITLE REFERENCE: 08191/014001
CURRENT APPLICATION NUMBER: US/09/909,460
CURRENT APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/909,460
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/321,346
PRIOR PILING DATE: EARLIER FILING DATE: 1999-05-27
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Matches
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CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin version 3.1
SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1
SEQ ID NO 57
LENGTH: 248
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
APPLICANT: Kongerslev, Leif
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
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APPLICANT: Weilguny, Die
APPLICANT: Jensenius, Je
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Treatment of SARS in individuals
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77.8%;
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77.8%;
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Pred. No. 7.6;
2; Mismatches
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APPLICANT: Barman, Shikha P.

APPLICANT: McKeever, Una

APPLICANT: McKeever, Una

APPLICANT: Hedley, Mary Lynne

ITILE OF INVENTION: DELIVERY SYSTEMS FOR BIOACTIVE AGENTS

FILE REFERENCE: 08191-018001

CURRENT APPLICATION NUMBER: US/09/872,836

CURRENT FILING DATE: 2001-06-01

PRIOR APPLICATION NUMBER: US 60/208,830

PRIOR APPLICATION NUMBER: US 60/208,830

PRIOR FILING DATE: 2000-06-02

NUMBER OF SEQ ID NOS: 120

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 102
                                                                                          APPLICANT: Zhang, Chao
TITLE OF INVENTION: METHODS FOR DESIGNING MO:
TITLE OF INVENTION: COMPOSITIONS THEREOF
FILE REFERENCE: BU-035AX
CURRENT FILING DATE: 2002-04-26
NUMBER OF SEQ ID MOS: 281
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 279
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-133-210-279
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US-09-872-836-102
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US-09-872-836-102
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SOFTWARE: FastSEQ for
SEQ ID NO 102
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
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Best Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                              APPLICANT: DeLisi, Charles
                                              TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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                                                                                        ENGTH: 9
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                                                                                                                                                                                                                                                                                     Berzofsky, Jay
Gulukota, Kamalakar
Vaccaro, Dennis
                                                                                                                                                                                                                                                                                   Vaccaro,
                                                                                                                                                                                                                                                                    Weng, Zhiping
                                                                                                                                                                                                                                                                                                                                                                                 Application US/10133210 o. US20030103964A1
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Pred. No.
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                  Synthetic
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Length 9;

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APPLICANT: Hedley, Mary Lynne
APPLICANT: Helley, Wang-Yueh
APPLICANT: Hsu, Yung-Yueh
APPLICANT: Tyo, Michael
TITLE OF INVENTION: CONTINUOUS-FLOW METHOD FOR PREPARING MICROPARTICLES
FILE REFERENCE: 08191-012001
CURRENT APPLICATION NUMBER: US/10/758,970
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: US/09/715,708A
PRIOR APPLICATION NUMBER: US/09/715,708A
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US/09/1165,516
PRIOR APPLICATION NUMBER: US 60/166,516
PRIOR FILING DATE: 1099-11-19
NUMBER OF SEQ ID NOS: 109
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 102
                                                                                                                                                                                                                             APPLICANT: Hedley, Mary Lynne
APPLICANT: Urban, Robert G.
APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYEPITOPE POLYPEPTIDES
FILE REPERENCE: 08191-013001
CURRENT APPLICATION NUMBER: US/10/751,845
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR FILING DATE: 1909-12-09
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR FILING DATE: 1999-19-16
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US-10-758-970-102
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                                                                                    ; TYPE: PRT
; ORGANISM: Human Papilloma virus
US-10-751-845-56
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Best Local Similarity lov.
Thes 8; Conservative
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Publication No. US20050100928A1
GENERAL INFORMATION:
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Query Match 89.1%; Score 41; DB 5; L
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 8; Conservative 0; Mismatches 0;
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8; Conserv
                                                                                                                                                                                              FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                  163
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100.0%; Pred. No.
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-05-03
PRIOR APPLICATION NUMBER: FT.0105-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
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US-10-452-024-95
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US-10-476-570-20
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                                                                           Query Match
Best Local S
Matches 7
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SEQ ID NO 95
                                                                                                                                                                      SEQ ID NO 20
LENGTH: 15
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: peptide E6 17-31
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Best Local Similarity 66.7%;
Matches 6; Conservative
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APPLICANT: Park, Jung-Beak
APPLICANT: Maksymowych, Andrew
TITLE OF INVENTION: Compositions and Methods For Transepithelial Molecular Transport
FILE REFERENCE: 9855-96U
CURRENT APPLICATION NUMBER: US/10/452,024
CURRENT FILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: 60/384,949
PRIOR FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 188
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TYPE: PRT
                                                                                             Local Similarity
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323 KFQTTVHDI 331
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                                     ELQTTIH 7
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                                                                             Conservative
                                                                             78.3%; Score 36; DB
100.0%; Pred. No. 5;
tive 0; Mismatches
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Pred. No. 3.8e+02;
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RESULT 41
US-11-097-143-21504
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US-10-425-115-237192
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                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
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APPLICANT: Kovalic, David K.
APPLICANT: Caou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(52322)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 237192
LENGTH: 151
                                                                       SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 21504
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Best Local Similarity
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Publication No. US20040214272A1
GENERAL INFORMATION:
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                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/175,693 PRIOR FILING DATE: 2000-01-12
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/173,383 PRIOR FILING DATE: 1999-12-28
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PRIOR FILING DATE: 1999-11-12
                                                                                                                             NUMBER OF SEQ ID NOS:
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LOCATION: (1)..(151)
OTHER INFORMATION: unsure at all Xaa locations
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ORGANISM: Zea mays
ORGANISM: DROSOPHILA
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Pred. No. 62;
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FILE REFERENCE: PA104
CURRENT APPLICATION NUMBER: US/09/925,302
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05918
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 609/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER 60F SEQ ID NOS: 896
SOPTWARE: PAtentin Ver. 2.0
SEQ ID NO 845
TUDE: DATE: 145
TYDE: DET
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                                                                                                                                        ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-302-845
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-312-829-6
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US-09-925-302-845
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/10312829 Publication No. US20040037781A1 GENERAL INFORMATION:
                                                                    Query Match
Best Local Similarity
Matches 6; Conserv
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Best Local Similarity 75.0%;
Matches 6; Conservative
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Best Local Similarity
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TITLE OF INVENTION: Peptides with Antioxidant and Antimicrobial Properties
FILE REFERENCE: 10738-31
CURRENT APPLICATION NUMBER: US/10/312,829
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: PCT/US01/2126
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/215,313
PRIOR APPLICATION NUMBER: US 60/215,313
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
123 ELOATLHD 130
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                                                                    Score 35; DB Pred. No. 91; 1; Mismatches
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Pred. No.
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Pred. No. 81;
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                                                                                                         DB 3;
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US-09-925-302-845
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US-10-312-829-5
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US-10-336-603A-98
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; ORGANISM: Homo sapiens
US-10-312-829-5
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Publication No. US20040037781A1
GENERAL INFORMATION:
APPLICANT: MCCOrmack, Francis X
TITLE OP INVENTION: Peptides with Antioxidant and Antimicrobial Properties
FILE REFERENCE: 10738-31
CURRENT APPLICATION NUMBER: US/10/312,829
CURRENT PILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/10/21226
PRIOR APPLICATION NUMBER: US 60/215,313
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
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Publication No. US20030064072A9
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
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Best Local Similarity 75.0%;
Matches 6; Conservative
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 845
Sequence 98, Application US/10336603A
publication No. US20040072997A1
GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-533A
CURRENT APPLICATION NUMBER: US/10/336,603A
CURRENT APPLICATION NUMBER: 09/746,491
PRIOR APPLICATION NUMBER: 09/746,491
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LENGTH: 148
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CURRENT APPLICATION NUMBER: US/09/925,302
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05918
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR PILING DATE: 1999-03-12
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milarity 75.0%;
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_62080C.1.pep
US-10-437-963-163049
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Sequence 96, Application US/10336603A
Publication No. US20040072997A1
Publication No. US20040072997A1
GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
FILE REFERENCE: 21402-533A
CURRENT APPLICATION NUMBER: US/10/336,603A
CURRENT PILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 09/746,491
PRIOR APPLICATION NUMBER: 09/746,491
PRIOR APPLICATION NUMBER: 10/055,569
PRIOR FILING DATE: 2000-12-26
NUMBER OF SEQ ID NOS: 169
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-65-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 163049
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 98
LENGTH: 166
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Best Local
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PRIOR APPLICATION NUMBER: 10/055,569
PRIOR FILING DATE: 2001-10-26
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nes 6; Conserv
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Barbazuk, Brad
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62.5%;
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Pred. No.
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Pred. No. 1.5e+02;
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Sequence 4, Application US/10312829
| Sequence 4, Application No. US20040037781A1
| GENERAL INFORMATION:
| APPLICANT: MCCOrmack, Francis X
| TITLE OF INVENTION: Peptides with Antioxidant and Antimicrobial Properties
| FILE REFERENCE: 10738-31
| CURRENT APPLICATION UNUMBER: US/10/312,829
| CURRENT FILING DATE: 2003-08-04
| PRIOR APPLICATION UNMBER: US/10/312,829
| PRIOR PILING DATE: 2001-06-29
| PRIOR PILING DATE: 2001-06-29
| PRIOR FILING DATE: 2000-06-30
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin version 3.1
| SEQ ID NO 4
| LENGTH: 248
| TYPE: PRT
| ORGANISM: Homo sapiens
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                                                                                                                                         ; TYPE: PRT ; ORGANISM: Homo sapiens US-10-336-603A-100
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US-10-336-603A-100
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-336-603A-96
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US-10-312-829-4
                                                          Query Match 76.1%;
Best Local Similarity 75.0%;
Matches 6; Conservative
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 100
LENGTH: 248
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Publication No. US20040072997A1
GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD FILE REFERENCE: 21402-533A
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Best Local Similarity 75.0%;
Matches 6; Conservative
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Best Local Similarity 75.0%;
Matches 6; Conservative
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CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 09/746,491
PRIOR FILING DATE: 2000-12-20
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25 54.3 249 1 25 54.3 25 54.3 25 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3 242 1 959 25 54.3	948 25 54.3 235 1 949 25 54.3 237 1 950 25 54.3 237 1 951 25 54.3 237 1 952 25 54.3 237 1	943 25 54.3 232 9 944 25 54.3 232 9 945 25 54.3 233 1 946 25 54.3 233 1 947 25 54.3 233 1	938 25 54.3 225 1 939 25 54.3 225 1 940 25 54.3 226 1 941 25 54.3 226 1 942 25 54.3 226 1	932 25 54.3 221 1 933 25 54.3 221 1 934 25 54.3 221 1 935 25 54.3 221 1 936 25 54.3 221 1 937 25 54.3 221 1	924 25 54.3 217 9 925 25 54.3 220 1 926 25 54.3 220 1 928 25 54.3 220 1 929 25 54.3 220 1 930 25 54.3 220 1 931 25 54.3 221 1	917 25 54.3 206 1 918 25 54.3 206 1 919 25 54.3 211 9 920 25 54.3 216 1 921 25 54.3 216 1 922 25 54.3 217 9 923 26 54.3 217 1	25 54.3 200 1 25 54.3 200 1 25 54.3 201 1 25 54.3 204 1 25 54.3 204 1	25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 197 25 54.3 198 25 54.3 198 26 54.3 200

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RESULT 2
US-11-206-138-3
; Sequence 3, Application US/11206138
; Publication No. US20060039919A1
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Best Local Similarity
Matches 9; Conserv
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US-11-098-686-10174

US-11-087-099-5099

US-11-188-298-3428

US-11-188-298-5318

US-11-188-298-6156

US-11-188-298-14294
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US-11-096-568A-8711
US-11-087-099-8189
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US-10-506-454-894
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US-11-188-298-1927
US-11-096-568A-21268
US-11-188-298-1485
US-11-087-099-10418
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US-10-793-626-236
US-10-793-626-1614
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US-10-195-883-374
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US-11-045-004-479
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                                                                                                                                                                Mismatches
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                                                                                                                                                                               0.032;
                                                                                                                                                                                            DB 9; Length 151;
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; LENGTH: 158
; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-11-206-138-3
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GENERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Smith, Larry

APPLICANT: Susan P. McSlhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 0630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530,253

CURRENT FILING DATE: 2003-04-04

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR FILING DATE: 2003-10-02

PRIOR APPLICATION NUMBER: US 60/415,929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 248
TYPE: PRT
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                                                                                                                                                                                                                                                                Sequence 3, Application US/10530253
Publication No. US20060014926Al
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Publication No. US20060014926A1
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TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer
FILE REFERENCE: P7819/0613
CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Somen P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: DS/05/10/50
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEO ID NOS: 65
NUMBER OF SEO ID NOS: 65
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nes 9; Conserv
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ilarity 100.0%;
Conservative 0
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Pred. No. 0.034;
); Mismatches 0;
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; ORGANISM: Human papillomavirus type 16
US-10-530-253-5
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SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH.
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 248
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/10530253 Publication No. US20060014926A1
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Best Local :
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ORGANISM: Human papillomavirus type 16
:-10-530-253-3
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                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/10530253 Publication No. US20060014926A1
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Senten, Fullen
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: OSCIONAL PRILLOMAN PRILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US/60/415,929
PRIOR APPLICATION NUMBER: US/60/415,929
                NUMBER OF SEQ ID NOS: 65
SOPTWARE: PatentIn versions of the second second no 7
                                                                                APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OP INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILLE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
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LENGTH: 248
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                                         PatentIn version 3.1
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ilarity 100.0%; Pred. No. 0.057;
Conservative 0; Mismatches
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-7
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-9
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                                  ; TYPE: PRT ; ORGANISM: Human papillomavirus type US-10-530-253-11
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
                                                                                                              NUMBER OF SEQ ID NOS: 65
SOPTWARE: PatentIn versionsEQ ID NO 11
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/10530253 Publication No. US20060014926A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application US/10530253 Publication No. US20060014926A1
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Best Local Similarity
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                                                                                                                                                                        FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                           APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McBlhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
                                                                                                 LENGTH: 248
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BB
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Query Match

100.0%; Score 46;

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Sequence 1943, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fx:
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION UMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
RESULT 11
US-11-096-568A-1942
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US-11-096-568A-1943
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SEQ ID NO 2
LENGTH: 256
TYPE: PRT
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Best Local :
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LENGTH: 250
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Best Local Similarity
Matches 9; Conserv
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APPLICANT: PANG, XIAOMU
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FILE REFERENCE: 116620-003
CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
FRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR PILING DATE: 2003-01-30
                                                                                                                                                                                                                           FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(250)
OTHER INFORMATION: Ceres Seq.
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ORGANISM: Zea mays subsp.
                                                                                                                                                          Local
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ELQTTLHD 187
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100.0%; Pred. No. 0.059;
tive 0; Mismatches
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Pred. No. 0.96;
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Sequence 174, Application US/10503575
Publication No. US20050244823A1
GENERAL INFORMATION:
APPLICANT: Drijfhout, Jan Wouter
APPLICANT: van Veelen, Petrus Antonius
APPLICANT: Koning, Frits
APPLICANT: Koning, Frits
TITLE OF INVENTION: NOVEL EPITOPES FOR CELIAC DISEASE AND AUTOIMMUNE DISEASES,
TITLE OF INVENTION: DETECTING THOSE AND NOVEL NON-ANTIGENIC FOOD COMPOUNDS
FILE REFERENCE: 2799/72843-PCT-US
CURRENT APPLICATION NUMBER: US/10/503,575
CURRENT FILING DATE: 2004-08-04
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SEQ ID NO 1941
LENGTH: 303
TYPE: PRT
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APPLICANT: Alexandrov, Nickolai et al.
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Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(303)
OTHER INFORMATION: Ceres Seq. ID no.
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NAME/KNY: misc feature
LOCATION: (1)...(298)
OTHER INFORMATION: Ceres Seq. ID no.
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TYPE: PRT
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87.5%;
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                                                                     US-10-986-405-205

US-10-986-405-205

; Sequence 205, Application US/10986405

; Publication No. US20060073561A1

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 378
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 199
LENGTH: 133
TYPE: PRT
ORGANISM: Homo sapiens
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publication No. US200
GENERAL INFORMATION:
APPLICANT: ROSEN, et
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NUMBER OF SEQ ID NOS: 340
SOFTWARE: PatentIn version 3.1
SEQ ID NO 174
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/381,592
PRIOR FILING DATE: 2002-05-17
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PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
PRIOR FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
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CURRENT FILING DATE: 2004-11-12
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PRIOR FILING DATE: 2002-08-13
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PRIOR FILING DATE: 2002-08-12
PRIOR APPLICATION NUMBER: US 60/404,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: 157 Human Secreted Proteins FILE REFERENCE: PZ750P1
APPLICANT: Rosen, et al.
TITLE OF INVENTION: 157 Human Secreted Proteins
FILE REFERENCE: P2750P1
CURRENT APPLICATION NUMBER: US/10/986,405
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                                                                                                                                                                                                                                                                                                                   Local Similarity
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APPLICATION NUMBER: US 60/415,902
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o. US20060073561A1
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Pred. No. 4.9;
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Pred. No. 0.53;
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PRIOR APPLICATION NUMBER: 2004-11-757
PRIOR APPLICATION NUMBER: PCT/-12
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
PRIOR FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
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US-10-986-405-205
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US-10-986-405-229
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PRIOR PILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: US 60/402,585
PRIOR FILING DATE: 2002-08-12
PRIOR APPLICATION NUMBER: US 60/404,959
PRIOR FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: US 60/415,902
PRIOR APPLICATION NUMBER: US 60/415,902
PRIOR FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR FILING DATE: 2002-08-13
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PRIOR FILING DATE: 2002-08-12
PRIOR PELLING DATE: 2002-08-12
PRIOR PILLING DATE: 2002-08-22
PRIOR PILLING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: US 60/415,902
PRIOR FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR FILING DATE: 2002-08-13
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LENGTH: 135
TYPE: PRT
                                   Query Match
Best Local S
Matches 6
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SEQ ID NO 229
LENGTH: 140
TYPE: PRT
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Publication No
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PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
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PRIOR APPLICATION NUMBER: US 60/401,757
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CURRENT FILING DATE: 2004-11-12
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1 ELQTTIHD 8
                                       Similarity 6; Conserv
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                                         1; Mismatches
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Pred. No. 5.
                                                        DB 5.2;
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Sequence 216, Application US/10986405
Publication No. US20060073561A1
GENERAL INFORMATION:
APPLICANT: Rosen, et al.
TITLE OF INVENTION: 157 Human Secreted Proteins
FILE REFERENCE: PZ750P1
CURRENT APPLICATION NUMBER: US/10/986,405
CURRENT FILING DATE: 2004-11-12
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Best Local
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PRIOR
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CURRENT FILING DATE: 2004-11-12
PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
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PRIOR FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: SITE
LOCATION: (143)
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OTHER INFORMATION:
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LOCATION: (122)
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JOCATION: (138)
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APPLICATION NUMBER: US 60/404,959
FILING DATE: 2002-08-22
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o. US20060073561A1
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US-11-096-568A-19577
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                                                                                                               CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 19577
                                                                                                                                                                                                                                                   Sequence 19577, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
LENGTH: 287
TYPE: PRT
ORGANISM: Zea mays subsp. mays
PEATURE:
PEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(287)
OTHER INFORMATION: Ceres Seq. ID no. 1:
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Best Local
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SEQ ID NO 216
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NAME/KEY: SITE
NAME/KEY: (98)
                                                                                                                                                                                                 TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides TITLE OF INVENTION: Therby
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NAME/KEY: SITE
LOCATION: (9)
OTHER INFORMATION: X
FEATURE:
                                                                                                                                                                                   FILE REFERENCE: 2750-1592PUS2
                                                                                                                                                                                                                                   APPLICANT: Alexandrov, Nickolai et al.
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NAME/KEY: SITE
LOCATION: (163)
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PRIOR FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: US 60/415,902
PRIOR FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR FILING DATE: 2002-08-13
NUMBER OF SEC TO NOCE 378
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PRIOR
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ORGANISM: Homo sapiens
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APPLICATION NUMBER: US 60/381,592
FILING DATE: 2002-05-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE: 2003-U5-10
APPLICATION NUMBER: US 60/388,543
PUTTING DATE: 2002-06-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/402,585 FILING DATE: 2002-08-12
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APPLICATION NUMBER: US 60/401,757
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Pred. No.
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US-11-096-568A-19576
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Best Local
Sequence 19576, Application US/11096568A

Sequence 19576, Application US/11096568A

Publication No. US20060048240A1

CENERAL INFORMATION:

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application NUMBER OF SEQ ID NOS: 306 SEQ ID NO 62
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                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 09/603,208
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-07-01
PRIOR PILING DATE: 1999-07-01
PRIOR PILING DATE: 1999-07-01
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APPLICANT: Kroger, Burkhard
APPLICANT: Schroder, Hartwi
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PRIOR
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TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING STRESS,
TITLE OF INVENTION: RESISTANCE AND TOLERANCE PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: DE 19932230.9 PRIOR FILING DATE: 1999-07-09
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                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Corynebacterium glutamicum
                                                                                                                                                                                                                                                                                                         Local Similarity
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FILING DATE: 1999-08-27
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Lee, Heung-Shick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/10703799B
No. US20060078884A1
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ilarity 75.0%;
Conservative
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                                                                                                                                                                                                                                                                                                           73.9%;
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Pred. No. 19;
2; Mismatches
                                                                                                                                                                                                                                                                                                             Score 34; DB Pred. No. 26;
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; PEATURE:
, NAME/KEY: misc feature
; LOCATION: (1). (448)
; OTHER INFORMATION: Ceres Seq.
US-11-096-568A-19576
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CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 19575
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CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 15576
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            NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 108
LENGTH: 628
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592FUS2
                                                                                                                                                      APPLICANT: Veiby, Petter Ole
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PRE
TITLE OF INVENTION: AND OVARIAN CANCER
FILE REFERENCE: MRI-039
FILE REFERENCE: MRI-039
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                                                                                  CURRENT APPLICATION NUMBER: US/11/080,991
CURRENT FILING DATE: 2005-03-11
PRIOR APPLICATION NUMBER: US/10/176,847
PRIOR FILING DATE: 2002-06-21
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ORGANISM: Zea mays subsp. mays
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LOCATION: (1)...(463)
OTHER INFORMATION: Ceres Seq. ID no. 12373654
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ORGANISM: Zea mays subsp. mays
FEATURE:
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TYPE: PRT
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o. US20050266437A1
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75.0%;
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Pred. No. 33;
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RESULT 25
US-10-877-346-13
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Best Local Similarity
Matches 6; Conserve
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US-10-204-639-4
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Best Local S
Matches 6
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SEQ ID NO 4
LENGTH: 1479
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                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                     APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: JP 2000-389742
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: JP 2001-095524
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: JP 2001-127066
PRIOR PILING DATE: 2001-04-25
NUMBER FILING DATE: 2001-04-25
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CURRENT APPLICATION NUMBER: US/10/204,639
CURRENT FILING DATE: 2002-08-22
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TITLE OF INVENTION: NOVEL GENE AND PROTEIN ENCODED BY THE GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Osamu Ohara
APPLICANT: Takahiro Nagase
               CURRENT APPLICATION NUMBER: US/10/877,346
CURRENT FILING DATE: 2004-06-25
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                                                           APPLICANT: Shimkets, Richard A
PITTLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 140
PRIOR APPLICATION NUMBER: US/09/964,956
                                                FILE REFERENCE:
                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1003 ELQTDIHEL 1011
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                                                                                                                                                                                                                                                                    Gerlau.,
MacDougall, vu...
Smithson, Glennda
Smithson, Isabelle
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                                                                                                              Kekuda, Ramesh
Spytek, Kimberly A
                                                                                                                                             Burgess, Catherine E
Padigaru, Muralidhara
                                                                                                                                                                                                Ellerman, Karen
Großse, William M
Alsobrook II, John P
                                                                                                                                                                                                                                 Gunther, Erik
Ellerman, Kare
                                                                                                                                                                                  Lepley, Denise M
                                                                                                 leach, Martin D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                21402-124
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66.7%;
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75.0%;
                                                                                                                                                                                                                                                                                                                     John R
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 34; I
Pred. No. 1
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1.2e+02;
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US-10-877-346-44; Sequence 44, Application US/10877346; Publication No. US20060014153A1
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                                   FILE REFERENCE: 21402-124
CURRENT APPLICATION NUMBER: US/10/877,346
CURRENT APPLICATION NUMBER: US/09/964,956
PRIOR APPLICATION NUMBER: US/09/964,956
PRIOR FILING DATE: 2001-09-26
PRIOR PPLICATION NUMBER: 60/235,631
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/235,633
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/235,838
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/235,808
PRIOR APPLICATION NUMBER: 60/235,808
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR PRIOR PRIOR DATE: 2000-09-27
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Leach, Martin D
APPLICANT: Shimkete, Richard A
APPLICANT: Shimkete, Richard A
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Gerlach, APPLICANT: MacDouga APPLICANT: Smithson
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PRIOR APPLICATION NUMBER: 60/236,135
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 60/237,434
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/238,321
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PRIOR APPLICATION NUMBER: 60/235,631
PRIOR FILING DATE: 2000-09-27
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NUMBER OF SEQ ID NOS: 127
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
APPLICATION NUMBER: 60/236,064 FILING DATE: 2000-09-27
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FILING DATE: 2000-09-27
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Padigaru, Muralidhara
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Grosse, William M
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Stone, David
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Smithson, Glennda
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Isabelle
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Pred. No.
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Query Match
Best Local Similarity
Marches 6; Conserve
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US-10-877-346-44
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US-10-530-253-26
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICATION HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT PILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. SEQ ID NO 44
                                     Sequence 26, Application US/10530253
Publication No. US20060014928A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 17, Application US/10530253 Publication No. US20060014926A1
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PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 60/237,434
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-05
PRIOR FILING DATE: 2000-10-05
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PRIOR APPLICATION NUMBER: 60/236,066
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 149
TYPE: PRT
ORGANISM: Human papillomavirus type 33
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FILE REFERENCE: 00630/100M137-US2
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19 LETTIHNI 26
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milarity 66.7%;
Conservative
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Pred. No. 1.6e+02;
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APPLICANT: Malykh, Andrei G
APPLICANT: Malykh, Andrei G
APPLICANT: Kozyavkin, Sergei A
TITLE OF INVENTION: The Complete Genome and Protein Seq
TITLE OF INVENTION: methanopyrus Kandleri AV19 and Mon
TITLE OF INVENTION: and Methods of Use Thereof
FILE REFERENCE: FID001
CURRENT APPLICATION NUMBER: US/10/506,454
CURRENT FILING DATE: 2004-08-31
PRIOR APPLICATION NUMBER: PCT/US03/06664
PRIOR APPLICATION NUMBER: PCT/US03/06664
PRIOR FILING DATE: 2003-03-04
PRIOR FILING DATE: 2002-03-04
NUMBER: OF SEQ ID NOS: 1722
PRIOR FILING DATE: 2002-03-04
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US-10-506-454-1603
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US-10-504-120-21
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          Sequence 21, Application US/10504120

Publication No. US20060088829A1

GENERAL INFORMATION:

APPLICATION: MINRS AS MODIFIERS OF INSULIN RECEPTOR SIGNALING AND METHODS

TITLE OF INVENTION: USE
TITLE OF INVENTION: USE
FILE REFERENCE: EX03-003C-PC
CURRENT APPLICATION NUMBER: US/10/504,120

CURRENT FILING DATE: 2004-08-06

CURRENT FILING DATE: 2004-08-06
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Best Local Similarity
Thes 5; Conservat
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SEQ ID NO 1603
LENGTH: 237
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Publication No. US20060068386A1
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PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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TYPE: PRT
ORGANISM: Human papillomavirus type 68
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PRIOR APPLICATION NUMBER: 60/354,824
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Methanopyrus kandleri
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Local Similarity 62.5%;
hes 5; Conservative
                                                                                                                                                                                                                                                                        167 IHTTVHDI 174
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Polushin, Nikolai N
Shcherbinina, Olga V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Shakhova, Vera V
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62.5%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                       Score 33; DB Pred. No. 24;
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FILING DATE: 2002-02-06

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US-10-504-120-21
                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: 60/358,217
PRIOR FILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/358,189
PRIOR APPLICATION NUMBER: 60/358,126
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/358,995
PRIOR APPLICATION NUMBER: 60/358,995
PRIOR APPLICATION NUMBER: 60/358,756
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.2
SEQ ID NO 22
LENGTH: 1807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 22, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local
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                                                                                               PRIOR APPLICATION NUMBER: 60/360,222
PRIOR FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 60/360,224
PRIOR FILING DATE: 2002-02-26
PRIOR FILING DATE: 2002-02-26
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TITLE OF INVENTION: MINRS AS MODIFIERS OF INSULIN RECEPTOR SIGNALING
TITLE OF INVENTION: USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: CURRENT FILING DATE: 2004-0
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PRIOR APPLICATION NUMBER: 60/359,531
PRIOR FILING DATE: 2002-02-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/354,824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/360,222
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                                                                                                                                                                                       FILING DATE: 2002-02-25
                                                                                                                                                                                                          APPLICATION NUMBER: 60/359,531
                                                                                                                                                                                                                                              FILING DATE: 2002-02-21
APPLICATION NUMBER: 60/358,765
                                                                                                                                                                                                                               FILING DATE: 2002-02-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/358,756
FILING DATE: 2002-02-21
APPLICATION NUMBER: 60/358,765
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Pred. No. 2.4e+02;
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    See File Wrapper or PALM.

                                                                                 See File Wrapper or PALM
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RESULT 34
US-11-188-298-16137
J Sequence 16137, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
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; LENGTH: 162
; TYPE: PRT
; ORGANISM: Corynebacterium efficiens YS-314
US-11-087-099-2617
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Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
CURRENT FILING DATE: 2005-07-22
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 17532
LENGTH: 333
TYPE: PRT
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Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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Matches
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Best Local
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ORGANISM: Homo sapiens
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Local Similarity 55.6%;
les 5; Conservative
                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                             Conservative
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100.0%; Pred. No. 57
live 0; Mismatches
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Pred. No.
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Pred. No. 2.5e+02;
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US-11-188-298-16137
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US-11-188-298-3477
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CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16137
LENGTH: 337
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LENGTH: 340
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                                                                                                                                                  APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 3477
                                                                                                                                                                                                                                                                                                                           Sequence 3477, Application US/11188298 Publication No. US20060075522A1 GENERAL INFORMATION:
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Best Local Similarity 55.0 Matches 5; Conservative
                                       Query Match
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CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
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TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: SYNECHOCOCCUS SP. WH 8102
                                                                                               TYPE: PRT ORGANISM: Nicotiana tabacum
                                                                                                                                   LENGTH: 498
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nes 6; Conserv
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                     55.6%;
   Score 32; DB 11; Length 498; Pred. No. 91; 3; Mismatches 1; Indels
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RESULT 37
US-10-873-528-37
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; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-10-873-528-37
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CURRENT APPLICATION NUMBER: US/10/873,528
CURRENT FILING DATE: 2004-06-23
PRIOR APPLICATION NUMBER: US/09/769,787
PRIOR FILING DATE: 2001-01-26
PRIOR PPLICATION NUMBER: GB 9816337.1
PRIOR FILING DATE: 1998-03-27
PRIOR PILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: US 60/125164
PRIOR PILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 388
SOPTWARE: PATENTIN VET: 2.1
                                                                                                                                                       US-10-873-528-193
                                                                                                                                                                                                                                                                                                                        APPLICANT: Microbial Technics Limited
APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hanbro, Philip M
TITLS OF INVENTION: Proteins
FILE REFERENCE: PMC/P211290
CURRENT APPLICATION NUMBER: US/10/873,528
CURRENT FILLING DATE: 2004-06-23
PRIOR APPLICATION NUMBER: US/09/789,787
PRIOR FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: GB 9816337.1
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-27
                                                      Query Match
Best Local Similarity
... 6; Conserve
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 193, A Publication No.
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Best Local Similarity
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APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
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APPLICANT: Hansbro, Philip M
TITLE OF INVENTION: Proteins
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/125164 PRIOR FILING DATE: 1999-03-19
                                                                                                                                                                     TYPE: PRT ORGANISM: Streptococcus pneumoniae
                                                                                                                                                                                                             LENGTH: 513
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495 TTIHDI 500
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                                      TTIHDI 9
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No. US20050276814A1
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                                                                        ilarity 100.0%; P
Conservative 0;
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100.0%; Pred. No. 94
tive 0; Mismatches
                                                                                              69.6%; Score 32;
100.0%; Pred. No.
                                                                            Mismatches
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94;
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94;
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Query Match
Best Local Similarity
Matches 6; Conserva
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US-11-188-298-5563
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US-11-087-099-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT ; ORGANISM: Chlamydia trachomatis US-11-103-957-61
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CURRENT FILING DATE: 2005-04-12
PRIOR APPLICATION NUMBER: US/10/467,534
PRIOR FILING DATE: 2004-02-03
PRIOR APPLICATION NUMBER: PCT/EP02/01356
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: GB 0103169.9
PRIOR FILING DATE: 2001-02-08
PRIOR FILING DATE: 2001-02-08
Sequence 5563, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(5)452)B
CURRENT APPLICATION NUMBER: US/11/188,298
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SEQ ID NO 1991
LENGTH: 643
TYPE: PRT
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Publication No. US20050281847A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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APPLICANT: Verlant, Vincent Georges Christian Louis
TITLE OF INVENTION: Vaccine Composition
FILE REFERENCE: B45261
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APPLICANT: Lobet, Yves
APPLICANT: Poolman, Jan
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85.7%;
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75.0%;
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Pred. No. 1.2e+02;
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Pred. No. 1e+02;
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NUMBER OF SEQ ID NOS: 34471

SEQ ID NO 6040

LENGTH: 329

TYPE: PRT

ORGANISM: Glycine max
FEATURE:
NAME/KEY: misc feature
LOCATION: (1). (129)
OTHER INFORMATION: Ceres Seq. ID no. 14313169
US-11-096-568A-6040
                            Sequence 21765, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMP
FILE REFERENCE: 38-21(53452)B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT FILING DATE: 2005-07-22

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR FILING DATE: 2004-07-31

NUMBER OF SEQ ID NOS: 22569

SEQ ID NO 21765

LENGTH: 335

LENGTH: 335

LENGTH: 335
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PRIOR APPLICATION NUMBER: 60/92,9
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 5563
LENGTH: 989
TYPE: PRT
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Best Local Similarity
Watches 5; Conserve
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NAME/KEY: unsure
LOCATION: (1)..(989)
OTHER INFORMATION: unsure at all Xaa locations
US-11-188-298-5563
                                                                                                                                                                                                                                                                                             RESULT 43
US-11-188-298-21765
; ORGANISM: Rhodobacter sphaeroides US-11-188-298-21765
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Best Local S
Matches 5
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
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71.4%;
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Pred. No.
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US-11-188-298-16409
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US-11-188-298-16409
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                                               RESULT 46
US-11-169-041-145
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US-11-096-568A-6039
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APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NO 16409
SEQ ID NO 16409
SEQ ID NO 16409
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Best Local S
Matches 5
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Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
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Best Local
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SEQ ID NO 6039
LENGTH: 540
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Sequence 145, Application US/11169041 Publication No. US20060019284A1 GENERAL INFORMATION:
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LOCATION: (1)..(540)
OTHER INFORMATION: Ceres Seq.
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Local Similarity 71.4%;
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414 LQTSLHD 420
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5; Conserv
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83.3%;
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Pred. No. 92;
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RESULT 48
US-10-915-002-322
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TYPE: PRT
; ORGANIZM: Porphyromonas gingivalis
US-10-915-002-321
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US-10-915-002-321
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US-11-169-041-145
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SEQ ID NO 145
LENGTH: 917
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Publication No. US20
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                    Sequence 322, Application US/10915002
Publication No. US20060078950A1
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APPLICANT: Hillman, Jeffrey D.
APPLICANT: Hillman, Jeffrey D.
APPLICANT: Handfield, Martin
TITLE OF INVENTION: IDENTIFICATION OF PORPHYROMONAS GINGIVALIS VIRULENCE POLYNUCLEOT
TITLE OF INVENTION: USE IN DIAGNOSIS ANTIGENS FOR USE IN THE DIAGNOSIS, TREATMENT,
TITLE OF INVENTION: PERIODONTAL DISEASES
FILE REFERENCE: 02-042
FILE REFERENCE: 02-042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 10001 NP
CURRENT APPLICATION NUMBER: US/11/169,041
CURRENT FILING DATE: 2005-06-28
PRIOR APPLICATION NUMBER: 60/584,405
PRIOR FILING DATE: 2004-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: IDENTIFICATION INTERACT WITH AND/OR MODULATE PROTEIN TYRO
TITLE OF INVENTION: COMPOUNDS THAT INTERACT WITH AND/OR MODULATE PROTEIN TYRO
TITLE OF INVENTION: KINASES AND/OR PROTEIN TYROSINE KINASE PATHWAYS IN LUNG OF INVENTION: CELLS
                APPLICANT: Progulske-Fox, Ann
APPLICANT: Hillman, Jeffrey D.
APPLICANT: Handfield, Martin
TITLB OF INVENTION: IDENTIFICATION OF PORPHYROMONAS GINGIVALIS VIRULENCE POLYNUCLEOT
TITLE OF INVENTION: USE IN DIAGNOSIS ANTIGENS FOR USE IN THE DIAGNOSIS, TREATMENT,
TITLE OF INVENTION: PERIODONTAL DISEASES
FILE REFERENCE: 022-042
CURRENT APPLICATION NUMBER: US/10/915,002
CURRENT FILLING DATE: 2004-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/915,002
CURRENT FILING DATE: 2004-08-10
NUMBER OF SEQ ID NOS: 354
SOFTWARE: Patentin version 3.1
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NUMBER OF SEQ ID NOS: 354
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Similarity 33.3%;
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o. US20060078950A1
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nilarity 55.6%;
Conservative :
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US-10-915-002-322
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Publication No. US2066078950A1
GENERAL INFORMATION:
APPLICANT: Progulake-Fox, Ann
APPLICANT: Handfield, Martin
APPLICANT: Handfield, Martin
TITLE OF INVENTION: IDENTIFICATION OF PORPHYROMONAS GINGIVALIS VIRULENCE POLYNUCLEOTI
TITLE OF INVENTION: USE IN DIAGNOSIS ANTIGENS FOR USE IN THE DIAGNOSIS, TREATMENT, A
TITLE OF INVENTION: PERIODONTAL DISEASES
FILE REFERENCE: 02-042
CURRENT APPLICATION NUMBER: US/10/915,002
CURRENT FILING DATE: 2004-08-10
NUMBER OF SEQ ID NOS: 354
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 323
LENGTH: 1039
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Best Local Similarity 33.3%;
Matches 3; Conservative
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Best Local Similarity 33.3%;
Matches 3; Conservative
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SEQ ID NO 322
LENGTH: 1039
TYPE: PRT
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S-08-159-339A-248
S-07-909-122-3
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Sequence 102, Application US/08787547
Patent No. 5783567
GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Curley, Joanne M.
APPLICANT: Langer, Robert S.
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY
                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
OPERATING SYSTEM: Windows Version 2.1
SOFTWARE: FastSSQ for Windows Version 2.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,547
FILING DATE: 22-JAN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                   TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                    ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
NAME: Fraser, Janis K.
NAME: Fraser, Janis K.
NAME: Gracer, JANIS K.
TELEPHONE: G17-542-5070
TELEPHONE: G17-542-8906
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ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: MICROPARTICLES I
                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: MA
COUNTRY: US
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Fi
STREET: 225 F
CITY: Boston
MOLECULE TYPE: peptide
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US-08-22-617A-7

US-09-28-32-5974

US-09-238-092-674

US-09-539-016-8039

US-09-949-016-8041

US-09-949-016-8041

US-09-949-016-8042

US-09-949-016-8042

US-09-949-016-8042

US-08-95-429-2

US-08-95-429-2

US-08-95-3110-2900

US-09-134-010-2904

US-09-134-010-3032

US-09-134-010-3032

US-09-134-016-10605

US-09-49-016-10605

US-09-306-902A-5

US-09-306-902A-5

US-09-306-256-3664

US-09-134-001C-3318

US-09-902-540-12187
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674, App
8039, Ap
8039, Ap
8041, Ap
8042, Ap
18042, Appli
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5974, Ap
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2 2900, Ap
14418, Ap
3 3032, Ap
2 2964, App
174, App
174, App
10605, A
1 1605, Appli
6 5, Appli
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3218, Ap
12187, A
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US-08-159-339A-248
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Best Local Similarity 100.0%;
Matches 9; Conservative 0
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REDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRANCESEQ FOR Windows Version 2.0
SOFTWARE: FRANCESEQ FOR Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CIASSIFICATION NUMBER: US 07/926,666
APPLICATION NUMBER: US 08/027,746
APPLICATION NUMBER: US 08/027,746
APPLICATION NUMBER: US 08/027,746
APPLICATION NUMBER: US 08/103,396
FILING DATE: 05-MAR-1993
APTICRATION NUMBER: US 08/103,396
FILING DATE: 105-MAR-1993
APTICRATION NUMBER: 30,762
RAPELICATION NUMBER: 018623-005030US
REFERENCE/DOCKET NUMBER: 018623-005030US
REFERENCE/DOCKET NUMBER: 018623-005030US
TELEONMUNICATION IMPORMATION:
TELECOMMUNICATION IMPORMATION:
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GENERAL INFORMATION:
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Best Local S
                                                                                                                                                Matches
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APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding peptides and
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
Townsend and Townsend and Crew LLP
ADDRESSEB: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: peptide
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CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                   LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                     STRANDEDNESS:
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9; Conserv
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100.0%; Pred. No. 4.6e+05;
tive 0; Mismatches 0;
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pred. No. 4.6e+05;
); Mismatches 0;
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RESULT 1 US-08-787-547-102

US-07-909-122-3

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TELEX: 706141
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: AMINO ACID
TYPE: AMINO ACID
STRANDEDNESS: single
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COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/909,122
FILING DATE: 19920706
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 28600-20105.01
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Sequence 3, App--
No. 5415995
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                                  COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mueller, Martin
APPLICANT: Gissmann, Lutz
TITLE OF INVENTION: Use of HPV-16 E6
TITLE OF INVENTION: Peptides for the
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION: VIRUS
NUMBER OF SEQUENCES: 17
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APPLICANT: PALEFSKY, JOEL M.
                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                          CITY: Washington
                                                                                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Match 100.0%; Score 45; DB 1; Length 14; Local Similarity 100.0%; Pred. No. 0.036; es 9; Conservative 0; Mismatches 0; Indels
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755 Page Mill Road
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PatentIn Release #1.0, Version #1.25
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Diagnostic Purpose
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FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILING DATE: 199-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO
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                                                     Query Match
Best Local Similarity
Thes 9; Conserve
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APPLICANT: CHOPPIN, JEANNINE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: COUNAN, FRANCINE
APPLICANT: COUNAN, FRANCINE
APPLICANT: COUNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 AND TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR INTELLED OF INVENTION: PARTICULARLY IN VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/09980523A Patent No. 6783763
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-JUL-1992
APPLICATION NUMBER: EP 91111720.8
FILING DATE: 13-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
                                                                                                                                                                 LENGTH: 30
TYPE: PRT
ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
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REFERENCE/DOCKET NUMBER: 024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
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12 LOTTIHDII 20
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                                   1 LQTTIHDII 9
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100.0%; Pred. No. 0.08;
rative 0; Mismatches 0
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                                                                                                             Length 30;
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                                                                       Gaps
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RESULT 6 US-09-701-080C-18 ; Sequence 18, Application US/09701080C

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APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
ITITLE OF INVENTION: PROTEINE OF HPV, THEIR PRODUCTION AND THEIR USE
ITITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
ITITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
ITITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILLE REFERENCE: WOBL AO INVENER: US/09/980,523A
CURRENT APPLICATION NUMBER: US/09/80,523A
CURRENT PILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR PILING DATE: 1999-06-03
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US-09-980-523A-2
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APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY

APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY

TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN P300

TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION

FILE REFERENCE: N73477C GCW

CURRENT APPLICATION NUMBER: US/09/701,080C

CURRENT FILING DATE: 2001-02-27

PRIOR APPLICATION NUMBER: GB 911303.8

PRIOR FILING DATE: 1998-05-26

PRIOR PILING DATE: 1999-01-05

PRIOR FILING DATE: 1999-01-05
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SEQ ID NO 18
                                                                                                                 US-08-316-239B-3
                                                                                                                                   RESULT 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
Sequence 3, Application US/08316239B
Patent No. 5679509
GENERAL INFORMATION:
APPLICANT: Wheeler, Cosette M.
APPLICANT: Parmenter, Cheryl A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 158
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100.0%; Pred. No.
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US-08-316-239B-3
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CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REGISTRATION NUMBER: UNMB-0001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wheeler,
APPLICANT: Parmenter,
APPLICANT: Parmenter,
TITLE OF INVENTION: N
TITLE OF INVENTION: N
TITLE OF INVENTION: N
TITLE OF INVENTION: N
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Patent No. 5679509
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein HYPOTHETICAL: NO
ZII: 73400
ZII: 70120-3400
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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STREET: 6126 Rocky Way Court
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                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Jagtiani & Associates
STREET: 6126 Rocky Way Court
                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    26 LQTTIHDII 34
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9; Conserva
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Parmenter, Cheryl A.

Parmenter, Cheryl A.

Parmenter is Associated with the Methods and a Diagnostic Aid for that is Associated with the Methods and a Subset of HPV that is Associated with the Methods and the Method
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Pred. No. 0.47;
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CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION:

FILING DATE:

30-SEP-1994

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RESULT 10
US-08-860-165-14
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Best Local Similarity
Marches 9; Conserve
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                                                                                                                       US-09-359-382-14
                                                                                                                                          RESULT 11
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                                                                 Sequence 14, Application US/09359382 Patent No. 6306397 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS FILE REFERENCE: 1727/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER PFLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER: OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (703) 817-9453
TELEPAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 4:
                                 APPLICANT: EDWARDS, Stirling John APPLICANT: COX, John Cooper
                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 172
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HYPOTHETICAL:
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LENGTH: 162 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
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FRAZER, Ian
                  COX, John Cooper
WEBB, Elizabeth Ann
                                                                                                                                                                                                LOTTINDII 103
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                                                                                                                                                                                                                                                                       Conservative
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NO
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Pred. No. 0.47;
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; ORGANISM: Human papillomavirus type
US-09-359-382-14
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CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1994-12-20
EARLIER FILING DATE: 1994-12-20
NUMBER: OF SEQ ID NOS: 27
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SEQ ID NO 14
LENGTH: 172
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Boursnell, Michael E.
APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
                                                                                                                                                                          TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                        TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human TITLE OF INVENTION: Papilloma Virus Proteins NUMBER OF SEQUENCES: 70
                                                             PEATURE:
                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
CITY: S
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
mes 9; Conserv
LOCATION: 1..182
OTHER INFORMATION:
                    NAME/KEY: Protein
LOCATION: 1..182
                                                                                                    TOPOLOGY:
                                                                                                               TYPE: amino acid
STRANDEDNESS: sir
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                                                                                                                                                          ENGTH:
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Jan Francisco
                                                                                                                                                          182 amino acids
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                                                                                                    linear
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/note= "Xaa refers to stop codon in
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Pred. No. 0.5;
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OTHER INFORMATION: US-08-117-083-10
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US-08-860-165-10
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APPLICANT: KIENY, M
APPLICANT: BALLOUL,
APPLICANT: BIZOUARN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                 GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
APPLICANT: FRAZER, Ian
APPLICANT: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 1727/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: ECT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER APPLICATION NUMBER: AU PN0157
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Patent No. 6884786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOURRUE, Nadine
APPLICANT: BIZOURRUE, Nadine
APPLICANT: BIZOURRUE, Nadine
APPLICANT: BIZOURRUE, Nadine
APPLICANTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
TITLE OF INVENTION: POLYPEPPIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/09/462,993
CURRENT FILING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR PILING DATE: 1998-07-17
                                                   EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                                                                    Sequence 10, Application US/08860165A Patent No. 6004557
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PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 243
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                     LENGTH: 266
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 45; DB 1 ilarity 100.0%; Pred. No. 0.53; Conservative 0; Mismatcher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; ilarity 100.0%; Conservative 0
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Pred. No. 0
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Sequence 1, Application US/09367309A

PAtent NO. 6428807

GENERAL INFORMATION:
APPLICANT: MACEARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
APPLICANT: MALLIAROS, JIM
FILE REFERENCE: 01727/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: MI PO 5178
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US-09-367-309A-1
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TYPE: PAT
; ORGANISM: Human papillomavirus type 16
US-09-359-382-10
                                    ORGANISM: Human papillomavirus US-09-367-309A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: PRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1997-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: PCT/AU95/00868
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LENGTH: 266
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                                                                          NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 266
TYPE: PRT
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Query Match
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EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
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les 9; Conserv
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100.0%; Pred. No. 0.79;
    100.0%; Score 45;
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Pred. No. 0.
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        Length 266;
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100.0%; Pred. No. 0.79;

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APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Derisse, Anne-Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REPERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT APPLICATION NUMBER: DS/09/485,885
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR APPLICATION NUMBER: PCT/EP98/05285
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                                                                                   US-09-485-885-10
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LENGTH: 273
TYPB: PRT
ORGANISM: Homo sapien
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APPLICANT: Bruck, Claudine
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                  SEQ ID NO 10
LENGTH: 292
     Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6342224
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CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gerard, Catherine APPLICANT: Lombardo-Bencheik TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                TYPE: PRT
ORGANISM: Homo sapien
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Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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         100.0%; Score 45; DB 2; Length 292; llarity 100.0%; Pred. No. 0.87; Conservative 0; Mismatches 0; Indels
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US-09-485-885-14
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US-09-485-885-6
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-14
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 371
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva,
APPLICANT: Cabezon Anne-M
APPLICANT: Gerard, Catheria
                                                                                                                                                                                        SOFTWARE: 1
SEQ ID NO 14
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, 7
APPLICANT: Delisse, Anne-Ma
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TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
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ORGANISM: Homo sapien
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LQTTIHDII 9
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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                                      Conservative
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UMBER: GB 9717953.5
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                                                        100.0%; Score 45; DB 100.0%; Pred. No. 1.2;
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                                          Mismatches
                                                                            DB 2; Length 390;
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151 LQTTIHDII 159

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GENERAL INFORMATION:
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Patent No. 59
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows 3.0

SOPTWARE: Microsoft Word 6.0

CURRENT APPLICATION DATA:
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               TITLE OF INVENTION: Plasmid-derived
TITLE OF INVENTION: restriction-mod
NUMBER OF SEQUENCES: 14
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: LOUISE A. Foutch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICANT: DILLNER, LENA
APPLICANT: CHENG, HWEE-MING
                                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 17757 U.S
CITY: CLEARWATER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/01 FILING DATE: 22-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                 Local
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Similarity 88.9%;
8; Conservative
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17757 U.S. HWY. 19 NORTH, SUITE 500
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PatentIn Release #1.0, Version #1.30 (EPO)
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                                                                                                         Plasmid-derived type II restriction-modification systems from Lactococcus lactis
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Pred. No. 0.44;
1; Mismatches
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RESULT 23
US-09-270-767-33046
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                                                               ORGANISM: Drosophila melanogaster US-09-270-767-48263
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US-09-270-767-48263
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: U$709/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33046
LENGTH: 166
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 33046, Application US/09270767 Patent No. 6703491 GENERAL INFORMATION:
                                                                                                       APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48263
LENGTH: 166
Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                Sequence 48263, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
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Best Local Similarity 62.5%;
Matches 5; Conservative
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Best Local :
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APPLICATION NUMBER: DK 017;
PILING DATE: 17-FEB-1995
INFORMATION FOR SEQ ID NO: 14:
                                                                                               TYPE: PRT
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LENGTH: 317 amino acids
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LRTTLHDL 92
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                73.3%;
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   3; Mismatches
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                   Score 33; DB Pred. No. 81;
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Pred. No.
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                                  Length 166;
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RESULT 25
US-08-706-281A-8
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Best Local Similarity
Watches 6; Conserva
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US-09-097-231-8
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/706,281A
FILING DATE: 04-SEP-196
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6100048nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 36,886
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
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                                                                                                                       Sequence 8, Application US/09097231
Patent No. 6278038
GENERAL INFORMATION:
APPLICANT: Cone, Roger D
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
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CITY: Chi
STATE: II
COUNTRY:
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                                                 LOW, Malcolm J
TITLE OF INVENTION: Mammalian Melanocortin Receptor and
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            85
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75.0%;
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Pred. No. 1.5e+02;
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RESULT 27
US-09-353-099-8
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Best Local Similarity
Thes 6; Conserve
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 8:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,231
FILING DATE: 12-Jun-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6278038nan, Kevin E
REGISTRATION NUMBER: 35,303
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION UNMBER: US/09/353,099
PILING DATE: 14-Sep-199
CLASSIFICATION: cUnknown>
PRIOR APPLICATION NUMBER: 08/706,281
APPLICATION NUMBER: 08/706,281
PTLING DATE: 04-SEP-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 96,886-C TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Methods and Reagents for Discovering and
Using Mammalian Melanocortin Receptor Agonists and Antagoni
To Modulate Feeding Behavior in Animals
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cone, ko
Fan, Wei
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STATE: Illinois
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COUNTRY: USA
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TELEFAX: 312-913-0002
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Lu, Dongsi
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75.0%;
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Pred. No. 1.5e+02;
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                                                                                                                                                   Version
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APPLICANT: Watamaniuk, Olena K.
APPLICANT: Watamaniuk, Olena K.
APPLICANT: Watamaniuk, Olena K.
APPLICANT: Lu, Yu-Ping
APPLICANT: Lu, Yu-Ping
APPLICANT: Schroeder, Julian I.
APPLICANT: Clemens, Stephan
TITLE OF INVENTION: NOVEL PHYTOCHELATIN SYNTHASES AND
FILE REFERENCE: 9596-102U1/209596.0289
CURRENT APPLICATION NUMBER: US/09/354,123
CURRENT APPLICATION NUMBER: 09/09/354,123
CURRENT FILING DATE: 1999-07-15
EARLIER APPLICATION NUMBER: 09/315,449
EARLIER APPLICATION NUMBER: 60/095,624
EARLIER APPLICATION NUMBER: 60/095,624
EARLIER FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
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US-10-214-269-19
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                                                   Sequence 19, Application US/10214269
PATENT NO. 6844485
GENERAL INFORMATION:
APPLICANT: Butler, Karlene H.
APPLICANT: Famodu, Omolayo O.
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Best Local Similarity
Matches 6; Conserva
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                     APPLICANT:
APPLICANT:
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SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
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TYPE: PRT
ORGANISM: Triticum aestivum
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TELEPHONE: 312-913-0001
TELEPAX: 312-913-0002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 96,886
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             Famodu, Omolayo O.
Harvell, Leslie T.
Orozco, Jr., Emil
Rasco-Gaunt, Sonriza
                                                                                                                                                                                                                                                                                                      Conservative
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75.0%;
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100.0%; Pred. No. 2.6e+02;
Live 0; Mismatches 0;
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APPLICANT: Thorpe, Catherine J.
TITLE OF INVENTION: Phytochelatin Synthase;
FILE REFERENCE: BB1511 US NA
CURRENT APPLICATION NUMBER: US/10/214,269;
CURRENT FILING DATE: 2002-08-07;
PRIOR APPLICATION NUMBER: US 60/310,521;
PRIOR FILING DATE: 2001-08-07;
NUMBER OF SEQ ID NOS: 21;
SOFTWARE: Microsoft Office 97;
SEQ ID NO 19;
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US-09-270-767-32894
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                                                         ; ORGANISM: Klebsiella
US-09-489-039A-14156
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Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32894
LENGTH: 168
                                                                                       APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO I
TITLE OF INVENTION: ENEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2204001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR PILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 14156
LENGTH: 467
TYPE: PRT
                                                                                                                                                                                                                                                                                                                     Sequence 14156, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
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Best Local Similarity
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Query Match
Best Local Similarity
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134 QATLHDVV 141
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4; Conserva
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83.3%;
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Pred. No.
 Score 32;
Pred. No.
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Pred. No. 1.3e+02;
3; Mismatches 1
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                 Length 467;
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TYPE: PRT
CORGANIZM: Streptococcus pneumoniae
US-09-769-787-37
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APPLICANT: Hansbro, Philip M
TITLE OF INVENTION: Proteins
FILE REFERENCE: PWC/P21129WO
CURRENT APPLICATION NUMBER: US/09/769,787
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: GB 9816337.1
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1999-03-19
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CURRENT APPLICATION NUMBER: US/09/769,787
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: GB 9816337.1
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: US 60/125164
PRIOR FILING DATE: 1999-03-19
PRIOR FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 388
SOPTMARE: Patentin Ver. 2.1
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SEQ ID NO 37
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                                                                                     Query Match
Best Local Similarity
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Best Local (
                                                                                                                                                                                                                   SEQ ID NO 193
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                                                                        Matches
                                                                                                                                            ORGANISM: Streptococcus pneumoniae -09-769-787-193
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APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
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                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
TITLE OF INVENTION: Proteins
                                                                                                                                                                                LENGTH: 513
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           495 TTIHDI 500
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495
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TTIHDI 500
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                                                                        Conservative
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                                                                                       71.1%; Score 32; DB 2; I
100.0%; Pred. No. 4.1e+02;
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                                                                                                          Length 513;
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Sequence 19137, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELITIVES OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT ETLING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR FILING DATE: 1998-02-13
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30492
LENGTH: 532
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US-09-248-796A-19137
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US-09-543-681A-6825
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US-09-252-991A-30492
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CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: GARY BRETON
APPLICANT: GIVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
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Best Local (
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPE
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406 ETTLHDI 412
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5; Conserva
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Pred. No. 4.2e+02;
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Pred. No. 4.6e+02;
2; Mismatches (
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; ORGANISM: Candida albicans
US-09-248-796A-19137
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Best Local Similarity 62.5%;
Matches 5; Conservative
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LENGTH: 781
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                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/874,491
PILING DATE: 27-APR.1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,682
PRIOR APPLICATION NUMBER: US 07/827,682
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                        TELEFAX: (206) 623-679
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/197,484
FILING DATE: 16-FEB-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,811
FILING DATE: 26-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: Steuart Street Tower, One Market Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                    NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14137-26-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 467-9600
                                                                                                                                                                                                                                                APPLICATION NUMBER: US 0 PILING DATE: 26-AUG-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ELICITING TITLE OF INVENTION: CTL IMMUNITY
    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
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                      TOPOLOGY: un
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Robert W.
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Pred. No. 6.3e+02;
2; Mismatches 1
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Query Match
Best Local Similarity
These 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: peptide US-09-601-729-273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-197-484-72
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                                                                                                                                                                                                                                                                                                                                                                       RESULT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 273, Application US/09601729 Patent No. 6683052 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 281
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 273
                                                                                                                                                                                                                                                                                                                Sequence 72, Application PC/TUS9502121
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: VERWAERDE, CLAUDIE
APPLICANT: GUILLET, JEAN GERENGES CONTAINING AN INTERFERON FRAGMENT AND USES
TITLE OF INVENTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
TILE REFERENCE: USB-97-AU-IN
CURRENT APPLICATION NUMBER: US/09/601,729
CURRENT FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: PCT/FR99/00259
PRIOR PILING DATE: 1999-02-05
PRIOR PILING DATE: 1999-02-06
PRIOR PILING DATE: 1999-02-06
PRIOR FILING DATE: 1999-02-06
                           SOFTWARE: Patentin Release #1.0, Ver CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02121
FILING DATE: 16-FEB-1995
CLASSIFICATION DATA:
APPLICATION UMBER: US 08/197,484
FILING DATE: 16-FEB-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                            TITLE OF INVENTION: CONTITLE OF INVENTION: CTINUMBER OF SEQUENCES: 15 COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l Similarity
6; Conserv
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GRAS-MASSE, HELE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                               COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       68.9%; Score 31; DB 2; 100.0%; Pred. No. 10; :ive 0; Mismatches
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 US 07/935,811
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                             Version #1.25
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FILING DATE: 26-AUG-PRIOR APPLICATION DATA:

26-AUG-1992

APPLICATION NUMBER: US 07/874,491 FILING DATE: 27-APR-1992

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RESULT 40
US-08-936-165A-297
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PCT-US95-02121-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 297, Application US/08936165A Patent No. 6348582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 543-5043 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14137-26-4PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 467-9600
                                                                                                                                                                                                                                                                                                         APPLICANT: Rosenberg, Martin
APPLICANT: Ward, Judith
APPLICANT: Ward, Judith
TITLE OF INVENTION: No. 6348582el Prokaryotic Polynucleotides,
TITLE OF INVENTION: Polypeptides and Their Uses
NUMBER OF SEQUENCES: 534
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/749,568
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/027,032
FILING DATE: 24-SEP-1996
                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                   COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 29-JAN-1992
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                                                                                                                                                                                                                                               STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
                                                  APPLICATION NUMBER: US/08/936,165A FILING DATE: 24-SEP-1997 CLASSIFICATION: 536
                                                                                                                                                                                                                                                             CITY: King of Prussia
                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                                                                                                                                                                                                                             PA
                                                                                                                                                                                                                                                                               B: SmithKline Beecham Corporation
709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Burnham, Martin
Hodgson, John
Knowles, David
Lonetto, Michael
                                                                                                                                                                                                                                                                                                                                                                                                    Reichard, Richard
Rosenberg, Martin
                                                                                                                                                                                                                                                                                                                                                                                                                                       Nicholas, Richard
Pratt, Julie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Black, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       68.9%; Score 31; DB 4;
100.0%; Pred. No. 10;
tive 0; Mismatches
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US-08-118-270-256
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                                                                               US-08-118-270-256
                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118,270
FILING DATE: 09-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/943,236
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Townsend, Kevin G.
REGISTRATION NUMBER: MUNTPHY=2A
REGISTRATION NUMBER: MUNTPHY=2A
                                                                                                                                               TELEX: 248633
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 59 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 256, Application US/08118270
Patent No. 5508384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
vuery match
Best Local Similarity 44.4%;
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
TYPEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Murphy, Randall B.
APPLICANT: Schuster, David I.
APPLICANT: SCHUSTER, DESTRUCTION OF THE PROPERTY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Gimmi, Edward R
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P51
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: 1i
                                                                                              MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
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ilarity 55.6%;
Conservative
                                                                                                                 SS: single
linear
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       Score 31; DB 1; Length 59; Pred. No. 64; 4; Mismatches 1; Indels
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Pred. No. 61;
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           Gaps
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26 LSSTLHDLV 34

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APPLICANT: TARTAGLIA, James
APPLICANT: MOINGEON, Phillipe
APPLICANT: MOINGEON, Phillipe
APPLICANT: ROYINSKI, Benjamin
TITLE OF INVENTION: TREATMENT OF CERVICAL CANCER
FILE REFERENCE: 1038-982 MIS:jb
CURRENT APPLICATION NUMBER: US/09/390,027
CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: 60/099,291
EARLIER APPLICATION NUMBER: 60/099,291
EARLIER FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 6
LENGTH: 59
THE PATENTIN OF SEC ID NOS: 12
SOFTWARE: PATENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 43
PCT-US93-08528-256
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-390-027-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 256, Application PC/TUS9308528
GENERAL INFORMATION:
APPLICANT: New York University
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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APPLICANT: CAO, Shi-Xian
APPLICANT: KLEIN, Michel H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  atent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: GAJEWCZYK, Diane M. APPLICANT: PERSSON, Roy APPLICANT: YAO, Fei-Long
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08528
FILING DATE: 09-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 07/943,236
FILING DATE: 10-SEP-1992
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
ADDRESSEE: BROWDY AL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                         ZIP: 20004
                                                                                                                                                                                                                                                                                                                     CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6, Application US/09390027 p. 6235523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     50 TIHDII 55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6; Conservative
                                                                                                                                                                                                                                                                                                                                                                    3E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              68.9%; Score 31; 100.0%; Pred. No.
                                                                                                                  PCT/US93/08528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2; Length 59; 64;
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TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US93-08528-256
                                                                             TYPE: amino acid
TOPOLOGY: linear
NOLECULE TYPE: protein
US-08-785-795-1
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US-08-785-795-1
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                           Matches
                                        Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                         TELEPHONE: (317) 634-3456
TELEPAX: (317) 637-7561
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMER: 08/283,875
APPLICATION NUMBER: 1,1994
ATTORNEY/AGENT INFORMATION:
NAME: Thomas Q, Hentry
REGISTRATION NUMBER: 28,309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,795
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 46204
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: MUTELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: IUTELECOMMUNICATION INFORMATION: TELEPHONE: (317) 634-3456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dring N. Crowell, Branda J. Biermann
APPLICANT: and Stephen K. Randall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: Bank One Circle STREET: 111 Monument Circle CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette, 3.50
MEDIUM TYPE: 1.4 Mb storage
COMPUTER: COMPAQ
OPERATING SYSTEM: MSDOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
les 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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2 QTTIHDI 8
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                                                                                                                                                86 amino acids
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ilarity 44.4%;
Conservative
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                           Conservative
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                                         68.9%;
57.1%;
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                             Mismatches
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                                           Score 31; DB 1;
Pred. No. 96;
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Pred. No. 64;
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                                                         Length 86;
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RESULT 46
US-09-252-991A-27158
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                                                                                                US-09-603-208A-62
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US-09-248-796A-21807
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US-09-248-796A-21807
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PATENT NO. 6747137
GRNERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT PILING DATE: 1998-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 21807
Sequence 62, Application US/09603208A
Patent No. 6822084
GENERAL INFORMATION:
APPLICANT: Pompejus, Markus
APPLICANT: Kroger, Burkhard
                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
SEQ ID NO 27158
LENGTH: 326
TYPE: PRT
                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                    Best
                                                                                                                                                                                                                                                                                      Query Match
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Best Local Similarity
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Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                           ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                          Local Similarity 62.5%;
hes 5; Conservation
                                                                                                                                                                           230 MRTTPHDI 237
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                                                                                                                                                                                                                                                                                                                                                                                                                            33142
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                                                                                                                                                                                                                                                                    Score 31; DB 2;
Pred. No. 3.9e+02;
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3.3e+02;
                                                                                                                                                                                                                                                                                    Length 326;
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; TYPE: PRT; Candida albicans US-09-248-796A-20895
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Sequence 20895, Application US/09248796A; Patent No. 6747137
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/603,208A
CURRENT EILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR PILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 60/142692
PRIOR PILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 60/151214
PRIOR PILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19930429.7
PRIOR PILING DATE: 1999-07-01
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: DE 19931413.6
PRIOR APPLICATION NUMBER: DE 19931457.8
PRIOR APPLICATION NUMBER: DE 19931457.8
PRIOR PILING DATE: 1999-07-08
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                                                                                                                                               NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 20895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 62
                                                                                                                                                                                            APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANI
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
PRIOR PILING DATE: 1998-08-13
PRIOR PILING DATE: 1998-08-13
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APPLICANT:
APPLICANT:
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APPLICANT: Lee, Heung-Shick
APPLICANT: Kim, Hyung-Joon
TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING STRESS,
TITLE OF INVENTION: RESISTANCE AND TOLERANCE PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19941382.7
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 306
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PRIOR FILING DATE: 1999-07-14
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                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity les 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
FILING DATE: 1999-0
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                                                                                                                          695
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55.6%;
68.9%;
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Pred. No. 4.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 383;
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Query Match

Score 31;

BB 2

Length 695;

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GENERAL INFORMATION:
GENERAL INFORMATION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION UNMER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,498
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-05
PRIOR PR
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/09227725A
; Sequence 4, Application US/09227725A
; Patent No. 6383758
; Patent No. 6383758
; GENERAL INFORMATION:
APPLICANT: St. George-Hyslop, Peter H.
APPLICANT: Fraser, Paul E.
TITLE OF INVENTION: Alzheimer's Related Proteins and Methods
TITLE OF INVENTION: of Use
FILE REFERENCE: 1034/1F810-US1
CURRENT APPLICATION NUMBER: US/09/227,725A
CURRENT APPLICATION NUMBER: US/09/227,725A
CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 1193
TYPE: PRT
; ORGANISM: Homo Sapien
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US-09-949-016-11304
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US-09-949-016-11304
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GENERAL INFORMATION:
APPLICANT: Lunsford, Lynn B.
APPLICANT: Putnam, David
APPLICANT: Hedley, Mary Lynn
TITLE OF INVENTION: MICROPARTICLES FO
TITLE OF INVENTION: ACID
FILE REFERENCE: 08191/014001
                                                                                             US-09-872-836-102
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; TYPE: PRT
; ORGANISM: Hepatitis B virus
US-09-909-460-102
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                                                                                                     RESULT 2
                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/909,460
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/321,346
PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-27
NUMBER OF SEQ ID NOS: 114
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 102
                                                                Sequence 102, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 102, A Publication No.
                                                                                                                                                                       Matches
                                                                                                                                                                                        Query Match
                                                                                                                                                                                 Best Local Similarity
APPLICANT: Barman, Shikha P.
APPLICANT: McKeever, Una
APPLICANT: McKeever, Una
APPLICANT: Hedley, Mary Lynne
TITLE OF INVENTION: DELIVERY SYSTEMS FOR BIOACTIVE AGENTS
FILE REFERENCE: 08191-018001
CURRENT PEPLICATION NUMBER: US/09/872,836
CURRENT FILING DATE: 2001-06-01
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                                                                                                                                   LOTTINDII 9
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                                                                          Application US/09872836 o. US20040142475A1
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US-10-183-019-374
US-10-184-618-374
US-10-184-625-374
US-10-184-627-374
US-10-184-627-374
US-10-184-627-374
US-10-184-654-374
US-10-184-655-374
US-10-184-655-374
US-10-188-775-374
US-10-188-775-374
US-10-196-762-374
US-10-196-762-374
US-10-196-762-374
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US-10-180-545-374
US-10-180-545-374
US-10-183-008-374
US-10-183-017-374
US-10-183-017-374
US-10-184-618-374
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US-10-179-519-374
US-10-179-525-374
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Pred. No. 1.7e+06;
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LeLisi, Charles
APPLICANT: Berzofsky, Jay
APPLICANT: Gulukota, Kamalakar
APPLICANT: Vaccaro, Dennis
APPLICANT: Vaccaro, Dennis
APPLICANT: Vaccaro, Dennis
APPLICANT: Zhang, Chao
TITLE OF INVENTION: METHODS FOR DESIGNING MOLECULAR CONJUGATES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
FILE REFERENCE: BU-035AX
CUURRENT APPLICATION NUMBER: US/10/133,210
CUURRENT FILING DATE: 2002-04-26
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 279
LENGTH: 9
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; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 120
; SOPTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 102
; SEQ ID NO 102
; LENGTH: 9
; TYPE: PRT
; ORGANISN: Homo sapiens
US-09-872-836-102
Sequence 102, Application US/10758970
Publication No. US20050037086A1
GENERAL INFORMATION:
APPLICANT: Hedley, Mary Lynne
APPLICANT: Hsu, Yung-Yueh
APPLICANT: Tyo, Michael
TITLE OF INVENTION: CONTINUOUS-FLOW METHOD FOR
FILE REFERENCE: 08191-012001
CURRENT APPLICATION NUMBER: US/10/758,970
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: US/9/715,708A
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 60/166,516
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 109
SOFTWARE: FASTSEQ for Windows Version 3.0
SSEQ ID NO 102
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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; TYPE: PRT ; ORGANISM: Human papilloma virus US-10-758-970-102
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US-10-751-845-56
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Best Local Similarity
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US-10-484-063-2
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CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: US/09/664,225
PRIOR FILING DATE: 2000-08-18
PRIOR APPLICATION NUMBER: US 60/169,846
PRIOR PILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: US 60/154,665
PRIOR PILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 163
; ORGANISM: Human papillomavirus US-10-484-063-2
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Publication No. US20050100928A1
GENERAL INFORMATION:
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Publication No. US20050048467A1
GENERAL INFORMATION:
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Best Local Similarity
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                                 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 10
TYPE: PRT
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                                                                                                        CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Urban, Robert G.
APPLICANT: Chicz, Roman M.
                                                                                                                                                                                                                                             APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN,
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
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TYPE: PRT
ORGANISM: Human Papilloma virus
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Pred. No. 1.7e+06;
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APPLICANT: DOUVELLE MORATILLE, Sandra
APPLICANT: GUUTLLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 15
                                                                                                                         APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
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Best Local S
Matches 9
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SOFTWARE: PatentIn Ver.
SEQ ID NO 22
LENGTH: 15
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
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                                                                PRIOR APPLICATION NUMBER: FR 01 05980 PRIOR FILING DATE: 2001-05-04 NUMBER OF SEQ ID NOS: 63
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ORGANISM: artificial sequence
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Pred. No.
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Pred. No. 0.09;
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Dapillonavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: DS 11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2003-05-03
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SEQ ID NO 8
LENGTH: 21
TYPE: PRT
ORGANISM: artificial sequence
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Best Local Similarity
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: FR 01 05980 PRIOR FILING DATE: 2001-05-04 NUMBER OF SEQ ID NOS: 63
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PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
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Pred. No. 0.13;
0; Mismatches
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Pred. No. 0.09;
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; OTHER INFORMATION: Description of the Artificial Sequence: Peptide fragment; OTHER INFORMATION: for E6 of HPV US-10-858-384-4
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; OTHER INFORMATION: Description of the artificial sequence: peptide E6 15-44 US-10-476-570-53
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            Sequence 9, Application US/10476570

Publication No. US20040170644A1

GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEI
APPLICANT: MAILLERE, Bernard
APPLICANT: MOUVELLE-MORATILLE, Sandra
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: Dapillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-66-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 4
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NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver.
SEQ ID NO 53
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Publication No. US20050033025A1
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APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
ETILE REFERENCE: 0508-1037-1
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TYPE: PRT
ORGANISM: artificial sequence
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9; Conserva
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US/10/476,570
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Pred. No. 0.19;
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Pred. No.
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APPLICANT: GUILLET, Jean-Gerard

APPLICANT: GUILLET, Jean-Gerard

ITITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7

ITITLE OF INVENTION: papillomavirus proteins and uses thereof

FILE REFERENCE: 45636-5071-US

CURRENT APPLICATION NUMBER: US/10/476,570

CURRENT APPLICATION NUMBER: PCT/FR02/01533

PRIOR APPLICATION NUMBER: PCT/FR02/01533

PRIOR APPLICATION NUMBER: FR 01 05980

PRIOR FILING DATE: 2001-05-04

NUMBER OF SEQ ID NOS: 63

SOFTWARE: Patentin Ver: 2.1
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; TYPE: PRT
; ORGANISM: artificial sequence
; PEATURE;
; OTHER INFORMATION: Description of the artificial sequence: peptide E6
US-10-476-570-19
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; OTHER INFORMATION: Description of the artificial sequence: peptide E6 14-45
US-10-476-570-9
                                                                                                                                                                           RESULT 14
                                                     Sequence 6, Application US/10177390
Publication No. US20030143743A1
GENERAL INFORMATION:
APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatic
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Matches
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LENGTH: 32
TYPE: PRT
ORGANISM: artificial sequence
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Publication No.
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Best Local Similarity 100.0%;
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PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE:
                  APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polynucleotides by Electroporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/FR02/01533
ILE REFERENCE: 021505wo/JH/ml
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larity 100.0%;
Conservative 0
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Pred. No. 0.21;
0; Mismatches
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Pred. No. 0.2;
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APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN DOS: 27
SOFTWARE: PATENTIN Ver: 2.1
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Best Local Similarity
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US-10-484-063-20
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CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
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SEQ ID NO 20
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APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
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APPLICANT: TORTOLERO-LUNA, GUILI
APPLICANT: FOLLEN, MICHELE
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TYPE: PRT
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TYPE: PRT
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Pred. No.
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; TYPE: PRT; ORGANISM: Human papillomavirus type 16 US-10-484-063-27

100.0%;

Score 45; DB Pred. No. 1.1;

DB 5; Length 151;

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Mismatches

Indels

0

Gaps

0

LENGTH: 151

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: CHOPPIN, JEANNINE

APPLICANT: CHOPPIN, JEANNINE

APPLICANT: GUILLET, JEAN-GERARD

APPLICANT: GUILLET, JEAN-GERARD

APPLICANT: CONNAN, FRANCINE

APPLICANT: FERRIES, ESTELLE

APPLICANT: FERRIES, ESTELLE

APPLICANT: FERRIES, ESTELLE

TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN

TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE

TITLE OF INVENTION: PARTICULARLY IN VACCINATION

FILL REFERRENCE: 0508-1037-1

CURRENT APPLICATION NUMBER: US/10/858,384

CURRENT ETLING DATE: 2004-06-02

PRIOR APPLICATION NUMBER: FR 9907012

PRIOR APPLICATION NUMBER: FR 9907012
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Best Local Similarity
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                                         US-10-367-057-16
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SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 2
LENCTH: 158
TYPE: PRT
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Best Local
                                                                                              SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 16
LENGTH: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
Query Match
                                                                                                                                                                                                                                                        APPLICANT: Cuthill Scott;
APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Same
FILE REFERENCE: 21402-559
                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                            NUMBER OF SEQ ID NOS: 198
                                                             ORGANISM: Homo sapiens
                                                                                    TYPE: PRT
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      100.0%;
          Score
          45;
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          Length 158;
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 158
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
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                                                                       , OTHER INFORMATION: Synthetic Construct US-10-472-724-2
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Publication No. US20050142541A1
GENERAL INFORMATION:
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TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
CURRENT FILING DATE: 2004-12-23
Query Match
Best Local S
Matches 9
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APPLICANT: Cid-Arregui, Angel
APPLICANT: Zur Hausen, Haral
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Matches 9; Conserv
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                                                                                                                                                                                        SEQ ID NO 2
                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                        APPLICANT: Zur Hausen, Harald TITLE OF INVENTION: Modified HPV E6 and E7 genes and proteins useful for vaccination FILE REFERENCE: 4121-154 CURRENT APPLICATION NUMBER: US/10/472,724 CURRENT FILING DATE: 2003-09-17 PRIOR APPLICATION NUMBER: 05/10/472,724
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                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                     ENGTH: 171
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9; Conserva
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BELMARES, MICHAEL P.
DIAZ-SARMIENTO, CHAMORRO SOMOZA
SCHWEIZER, JOHANNES
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   Conservative
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                     100.0%;
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   Score 45; DB 4; Length 171;
Pred. No. 1.3;
, Mismatches 0; Indels
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PRIOR FILING DATE: 2000-04-17
PRIOR APPLICATION UNMBER: PCT/FR98/01576
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILING DATE: 1997-07-18
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.2
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                                                                                                                                                             SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 266
TYPE: PRT
ORGANISM: Human papillomavirus type 16
S-09-367-309A-1
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Best Local Similarity
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                                                                               Matches
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/AU98/00080 PRIOR FILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: AU PO 5178 PRIOR FILING DATE: 1997-02-19 NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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CURRENT FILING DATE: 2005-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REFERENCE: 017753-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marv
APPLICANT: BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:Derivated fro OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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  26
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                                                                               9;
                         LOTTIHDII 9
  LOTTINDII 34
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BIZOUARNE, Nadine
                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 45; DB 6; Length 243; ilarity 100.0%; Pred. No. 1.9; Conservative 0; Mismatches o. Talana
                                                                                                   100.0%; Score 45; DB
100.0%; Pred. No. 2.1;
                                                                                  0
                                                                                    Mismatches
                                                                                                                        DB 3; Length 266;
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; ORGANISM: Homo sapien
US-10-000-903-4
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                                              Query Match
Best Local Similarity
"---hes 9; Conserv
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US-10-000-903-4
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Publication No. US20020182221A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 273
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/10899771 Publication No. US20050031638A1 GENERAL INFORMATION:
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Best Local 9
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LENGTH: 273
                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
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                                                                                                                                                      FEATURE:
OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius
OTHER INFORMATION: influenzae B and E6 from Human papilloma virus type
OTHER INFORMATION: 16)
                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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1 LQTTIHDII 9
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9; Conserva
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ilarity 100.0%;
Conservative 0
                                                           100.0%; Score 45; DB:
ilarity 100.0%; Pred. No. 2.1;
Conservative 0; Mismatches
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                                                                                                         DB 5;
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                                                                                                       Length 273;
                                                                     Indels
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US-10-000-903-10

Sequence 10, Application US/10000903 Publication No. US20020182221A1

GENERAL INFORMATION:

APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Chislaine

Claudine

APPLICANT: Gerard, Catherine Marie Ghi APPLICANT: Lombardo-Bencheikh, Angela

TITLE OF INVENTION: Vaccine FILE REFERENCE: B45107

CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10

; TYPE: PRT ; ORGANISM: Homo sapien US-10-000-903-10

LENGTH: 292

Query Match Best Local Similarity

100.0%;

Score 45; DB 4; Length 292; Pred. No. 2.3;

Matches

9

Conservative

0;

Mismatches

0

0

Gaps

0

1 LQTTIHDII 9

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PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR APPLICATION P98-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
LENGTH: 292
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                                                                                                                                         ORGANISM: Artificial Sequence
FEATURE:
ORTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus
OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type
OTHER INFORMATION: 16)
US-10-899-771-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-899-771-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
                                                     Matches
                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                       TYPE: PRT
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       LQTTIHDII 9
                                                     Conservative
                                                                         100.0%; Score 45; DB 5; Length 292; 100.0%; Pred. No. 2.3;
                                                     <u>.</u>
                                                        Mismatches
                                                          <u>.</u>
                                                          Indels
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                                                             Gaps
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Mismatches

0

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FILE REFERENCE: B45124

CURRENT APPLICATION NUMBER: U$/10/899,771

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: U$/09/581,976

PRIOR FILING DATE: 2000-06-20

PRIOR FILING DATE: 2000-06-20

PRIOR APPLICATION NUMBER: PCT/EP98/08563

PRIOR FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: GB 9727262.9

PRIOR FILING DATE: 1997-12-24

NUMBER OF SEQ ID NOS: 28

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 6

LENGTH: 371

TYPUE: DET
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Publication No. US20020182221A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Dalemans, wilfried L.J.
APPLICANT: Dalemans, wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bruck, Claudine
                                        Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
                                                                                                            OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and B6E7 fusion from Human papillo OTHER INFORMATION: virus type 16)
                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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100.0%; Score 45; Dilarity 100.0%; Pred. No. 3; Conservative 0; Mismatches
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Pred. No.
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                                                      Length 371;
           Indels
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              Gaps
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Best Local Similarity
""" hes 9; Conserva
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SEQ ID NO 14
LENGTH: 390
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
Query Match 100.0%; Score 45; 1
Best Local Similarity 100.0%; Pred. No. 3
Matches 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                     SEQ ID NO 14
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
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APPLICANT: Cabezon Silva,
APPLICANT: Delisse, Anne-N
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Vaccine FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 28
SOPTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 23
                                                                                                     OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6E7 fusion from Human papilloma OTHER INFORMATION: virus type 16)
                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                LENGTH:
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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      Mismatches
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                                           DB 5; Length 390;
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APPLICANT: Robin A. Robinson
APPLICANT: Vittoria Cioce
TITLE OF INVENTION: Method for Isolation and Purification of
TITLE OF INVENTION: Expressed Gene Products In Vitro
FILE REFERENCE: 44149-3US1
CURRENT APPLICATION NUMBER: US/10/368,046
CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
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US-10-367-095-10
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US-10-368-046-10
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CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
                                                                                                                                                                                                                                                                                                  Sequence 10, Application US/10368046 Publication No. US20040063188A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 9; Conserv
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Publication No. US20030228696A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,135
PRIOR FILING DATE: 2002-02-14
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TITLE OF INVENTION: No. US20030228696Alel Insect Cell Line
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
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PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
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Pred. No. 4.4;
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Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 4.0
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NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
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PRIOR APPLICATION NUMBER: US 60/356,156
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TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                              OTHER INFORMATION: HPV-16 L2/E6 fusion protein
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                                                                                                                                                                                                                               ENGTH: 536
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OR FILING DATE: 2002-02-14
OR APPLICATION NUMBER: US 60/356,113
OR FILING DATE: 2002-02-14
OR APPLICATION NUMBER: US 60/356,154
OR APPLICATION NUMBER: US 60/356,155
OR APPLICATION NUMBER: US 60/356,135
OR FILING DATE: 2002-02-14
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APPLICATION NUMBER: US 60/356,157
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    1 LQTTIHDII 9
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o. US20040121465A1
                                            Conservative
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Pred. No. 4.4;
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RESULT 34
US-10-918-337-10
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CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PPLICATION NUMBER: US 60/356,161
PRIOR PPLICATION NUMBER: US 60/356,161
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
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                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/11021949 Publication No. US20050142541A1 GENERAL INFORMATION:
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APPLICANT: GARMAN, JO
APPLICANT: BELMARES,
APPLICANT: DIAZ-SARM
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Best Local
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
                                                                                                                                           APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR FILING DATE: 2002-02-14
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                 PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
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ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NOS:
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Pred. No. 4.4;
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for Expression in Insect Cells
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; SOFTWARE: PatentIn version 3.; SEQ ID NO 57; LENGTH: 248; TYPE; PRT; ORGANISM: Canis familiaris US-10-820-155-57
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US-10-820-155-42
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-1
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                                                                                                                                                                                                                                                                                                                                                                                 RESULT 37
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Query Match
Best Local Similarity
6; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: WatImmune A/S
APPLICANT: WatImmune A/S
APPLICANT: WatIquny, Dietmar
APPLICANT: Jensenius, Jens Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                  Sequence 57, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1
SEQ ID NO 42
LENGTH: 248
TYPE: PRT
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Best Local Similarity
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                                                                                                                                                                                                             APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REFERENCE: P 774 US00
                                                                                                                                                                                                                                                                       APPLICANT: NatImmune A/S
APPLICANT: Weilguny, Dietmar
APPLICANT: Jensenius, Jens Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kongerslev, Leif
APPLICANT: Matthiesen, Finn
TITLE OF INVENTION: Treatment of SARS in individuals
FILE REPERENCE: P 774 US00
                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/820,155
CURRENT FILING DATE: 2004-04-08
NUMBER OF SEQ ID NOS: 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 100 es 8; Conservative
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                                                                                                                                                                                                                                                                                                                                   Application US/10820155
No. US20050137126A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/10820155
No. US20050137126A1
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milarity 75.0%;
Conservative
            82.2%;
ilarity 75.0%;
Conservative
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100.0%; Pred. No.
17e 0; Mismatches
              Score 37; DB Pred. No. 64; 2; Mismatches
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Pred. No.
                 2
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64;
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                                               Length 248;
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APPLICANT: POUVELLE MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
ITILE OF INVENTION: Mixture of peptides derived from 86 and/or E7
ITILE OF INVENTION: papillomavirus proteins and uses thereof
ITILE OF INVENTION: papillomavirus proteins and uses thereof
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER: OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 23
LENGTH: 15
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US-10-476-570-23
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US-10-425-115-237192
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                                                                                                                                                                                                                                                                                                   APPLICANT: La ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21 (53222) B
FILE REFERENCE: 38-21 (53222) B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
CURRENT FILING DATE: 2003-04-28
                                                         ; OTHER INFORMATION: Clone ID: US-10-425-115-237192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local S
Matches 7
                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 237192
LENGTH. 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 237192, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                      . FEATURE:
Best Local Similarity
                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard APPLICANT: BOURGAULT-VILLADA, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
                                                                                                              PEATURE:
NAME/KEY: unsure
LOCATION: (1)..(151)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                                                      ORGANISM: Zea mays
                                                                                                                                                                                                                                          ENGTH: 151
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7; Conserv
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nilarity 100.0%;
Conservative
  80.0%;
75.0%;
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Pred. No.
  Score 36;
Pred. No.
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    DB 4;
58;
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4.7;
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                     Length 151;
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US-10-282-122A-49664
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/157, 832
PRIOR FILLING DATE: 1999-10-05
PRIOR PELLING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILLING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR FILLING DATE: 1999-11-12
PRIOR PELLING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILLING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILLING DATE: 2000-02-24
PRIOR FILLING DATE: 2000-02-24
PRIOR FILLING DATE: 2000-02-24
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                                                                                                                                                                                                                                                                                                      Sequence 49664, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4221
LENGTH: 601
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Publication No. US20050208558A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
                                                        APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Venter, J. Craig APPLICANT: et al.
CURRENT APPLICATION NUMBER: US/10/282,122A
             TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
                                                                                                                                                            APPLICANT:
                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                  APPLICANT: Wang,
APPLICANT: Zamuo
                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            273 TTIHDII 279
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Similarity 100.0%;
7; Conservative 0
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                                                                         Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                      Zamudio, Carlos
Malone, Cheryl
Haselbeck, Robert
                                                                                                                                                                               Zyskind, Judith
                                                                                                                                                                                                       Ohlsen, Kari
                                                                                                                                          Wall, Daniel
Trawick, John
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. 2.6e+02;
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Query Match
Best Local Similarity
                                                                                                                                                                     ; LENGTH: 1198
TYPE: PRT
; ORGANISM: Clostridium botulinum
US-10-452-024-95
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US-10-452-024-95
US-10-452-024-95, Application US/10452024
Publication No. US20040013687A1
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Simpson, Lance
APPLICANT: Park, Jung-Beak
APPLICANT: Maksymowych, Andrew
TITLE OF INVENTION: Compositions and Methods For Transepithelial Molecular Transport
FILE REFERENCE: 9855-98U1
CURRENT APPLICATION NUMBER: US/10/452,024
CURRENT FILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: 60/384,949
PRIOR APPLICATION NUMBER: 60/384,949
PRIOR FILING DATE: 2002-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 49664
                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.2 SEQ ID NO 95
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
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PRIOR FILING DATE: 2000-11-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/242,578 PRIOR FILING DATE: 2000-10-23
                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 1082
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325 QTTVHDI 331
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                                         2 QTTIHDI
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55.6%;
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                                                                                       1; Mismatches
                                                                                                         Score 36; DB 4;
Pred. No. 5.5e+02;
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Pred. No. 5e+02;
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                                                                                                                              Length 1198;
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                                                                                       Indels
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                                                                                       Gaps
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RESULT 43 US-11-097-143-36795 ; Sequence 36795, Application US/11097143

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PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 36795
                                                                                                                                                                                                                                                        APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
FILE REPERBNCE: 38-21(5353)B
FILE REPERBNCE: 38-21(5353)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT PILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 50864
LENGTH: 97
TYPE: DET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 50864, Application US/10767701 Publication No. US20040172684A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: et al.
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
PRIOR
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
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CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
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TYPE: PRT
ORGANISM: DROSOPHILA
                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Sorghum bicolor
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OR APPLICATION NUMBER: 60/164,769
OR FILING DATE: 1999-11-12
OR APPLICATION NUMBER: 60/173,383
OR FILING DATE: 1999-12-28
OR APPLICATION NUMBER: 60/175,693
OR FILING DATE: 2000-01-12
OR APPLICATION NUMBER: 60/184,831
OR APPLICATION NUMBER: 60/184,831
OR APPLICATION NUMBER: 60/184,831
OR FILING DATE: 2000-02-24
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mes 6; Conserv
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                     1 LQTTIHDII 9
VKTTIHDIM 16
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                                                                                                 77.8%;
66.7%;
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Pred. No. 6.5e+02;
2; Mismatches 1
                                                                                  Mismatches
                                                                                                   Score 35; DE
Pred. No. 55;
                                                                                                                        DB 4;
                                                                                  0;
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APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILIR REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 55470
LENGTH: 165
TYPR: """
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Publication No. US20040214272A1

Publication No. US20040214272A1

Publication No. US20040214272A1

Publication No. US20040214272A1

APPLICANT: LA ROSS, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Public

TITLE OF INVENTION: Public

CURRENT APPLICATION NUMBER: US/10/425,115

CURRENT APPLICATION NUMBER: US/10/425,115

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 369326

SEQ ID NO 263392

LENGTH: 156
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US-10-425-115-263392
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US-10-425-114-55470
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                                                                                                                                          ; OTHER INFORMATION: Clone ID: US-10-425-114-55470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 55470, Application US/10425114 Publication No. US20040034888A1 GENERAL INFORMATION:
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                                                                     Matches
                                                                                    Query Match
Best Local Similarity
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FEATURE:
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(156)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
                                                                                                                                                                                                TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                 FEATURE:
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125
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                                    LOTTINDII 9
LQTSLHDFI 133
                                                                     Conservative
                                                                                        77.8%;
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Pred. No. 93;
3; Mismatches
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                                                                                        Score 35; DE
Pred. No. 99;
                                                                           Mismatches
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                                                                                                          DB 4; Length 165;
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RESULT 47 US-10-424-599-168462

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US-10-437-963-117225
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                                                                                                                           RESULT 49
Sequence 117225, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La ROSa, Thomas J.
APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 230648, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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Matches
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APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
PILE REFERENCE: 38-21(53223)B
CURRENT PILING DATE: 203-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 168462
SEQ ID NO 168462
SEGTID NO 168462
TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 230648
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-10-424-599-230648
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                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 336
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(316)
OTHER INFORMATION: un
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66.7%;
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Pred. No. 2e+02;
2; Mismatches
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Pred. No. 2.1e+02;
2; Mismatches
                                                                                                                                                                                                                                                                                                           DB 4; Length 336;
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Search completed: May Job time : 65 secs
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APPLICANT: Cao, Yongwei
APPLICANT: Wu, Mei
APPLICANT: Wu, Mei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Harbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 117225
                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53221)
                                                                                                                                                                  Best Loc
Matches
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CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 263390
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ORGANISM: Oryza sativa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                     LENGTH: 448
                                                                                                                                                             Local Similarity
nes 6; Conserv
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Local Similarity 66.7%;
nes 6; Conservative
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66.7%;
                       2006, 08:07:01
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Pred. No. 2.6e+02;
3; Mismatches (
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Pred. No. 2.9e+02;
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Result
No.
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Maximum
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Maximum Match 100%
Listing first 1000 summaries
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Perfect score:
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27 60.0 305 11 27 60.0 310 11 27 60.0 315 11	27 60.0 280 11 27 60.0 284 11 27 60.0 287 11 27 60.0 303 11 27 60.0 304 9	27 60.0 278 11 27 60.0 278 11 27 60.0 280 11	27 60.0 263 11 27 60.0 264 11 27 60.0 267 11	27 60.0 262 11 27 60.0 263 11	27 60.0 247 11 27 60.0 248 11 27 60.0 256 11	27 60.0 245 11 27 60.0 245 11	27 60.0 234 11	27 60.0 219 11	27 60.0 212 11 27 60.0 216 11	27 60.0 209 11	213 27 60.0 206 11	211 27 60.0 196 11 212 27 60.0 196 11	209 27 60.0 192 11 210 27 60.0 196 11	27 60.0 190 11	27 60.0 168 11 27 60.0 168 11	27 60.0 156 11	201 27 60.0 63 11 202 27 60.0 153 9 U	27 60.0 26 9 U	28 62.2 1299 11 27 60.0 9 11	28 62.2 1250 11	28 62.2 1103 11	28 62.2 905 11	28 62.2 666 11 28 62.2 820 9 II	28 62.2 594 11 28 62.2 666 11	86 28 62.2 486 11 87 28 62.2 555 11	84 28 62.2 485 9 U	83 28 62.2 474 11 1	81 28 62.2 454 11 1 60 28 62.2 464 11 1	79 28 62.2 3/3 II 1 80 28 62.2 397 11 1	28 62.2 368 11 1	28 62.2 341 11 U	28 62.2 337 11 U 28 62.2 340 11 U	28 62.2 332 11 US-11-188-29 28 62.2 337 11 US-11-188-29	28 62.2 304 11 US-11-098-68 28 62.2 311 11 US-11-096-56	28 62.2 300 11 US-11-055-82
27 60.0 305 11 27 60.0 310 11 27 60.0 315 11	27 60.0 280 11 27 60.0 284 11 27 60.0 287 11 27 60.0 303 11 27 60.0 304 9	27 60.0 278 11 27 60.0 278 11 27 60.0 280 11	27 60.0 263 11 27 60.0 264 11 27 60.0 267 11	27 60.0 262 11 27 60.0 263 11	27 60.0 247 11 27 60.0 248 11 27 60.0 256 11	27 60.0 245 11 27 60.0 245 11	27 60.0 234 11	27 60.0 219 11	27 60.0 212 11 27 60.0 216 11	27 60.0 209 11	213 27 60.0 206 11	211 27 60.0 196 11 212 27 60.0 196 11	209 27 60.0 192 11 210 27 60.0 196 11	27 60.0 190 11	27 60.0 168 11 27 60.0 168 11	27 60.0 156 11	201 27 60.0 63 11 202 27 60.0 153 9 U	27 60.0 26 9 U	28 62.2 1299 11 27 60.0 9 11	28 62.2 1250 11	28 62.2 1103 11	28 62.2 905 11	28 62.2 666 11 28 62.2 820 9 II	28 62.2 594 11 28 62.2 666 11	86 28 62.2 486 11 87 28 62.2 555 11	84 28 62.2 485 9 U	83 28 62.2 474 11 1	81 28 62.2 454 11 1 60 28 62.2 464 11 1	79 28 62.2 3/3 II 1 80 28 62.2 397 11 1	28 62.2 368 11 1	28 62.2 341 11 U	28 62.2 337 11 U 28 62.2 340 11 U	28 62.2 332 11 US-11-188-29 28 62.2 337 11 US-11-188-29	28 62.2 304 11 US-11-098-68 28 62.2 311 11 US-11-096-56	28 62.2 300 11 US-11-055-82
27 60.0 305 11 27 60.0 310 11 27 60.0 315 11	27 60.0 284 11 US-11-188-298-19079 27 60.0 284 11 US-11-188-298-19079 27 60.0 287 11 US-11-096-568A-12915 27 60.0 303 11 US-11-188-298-4964 27 60.0 304 9 US-10-793-626-1472	27 60.0 278 11 US-11-188-298-5866 27 60.0 278 11 US-11-096-5688-12916 27 60.0 280 11 US-11-096-5688-12916	27 60.0 263 11 US-11-087-099-10938 27 60.0 264 11 US-11-096-568A-5205 27 60.0 264 11 US-11-188-298-22153	27 60.0 262 11 US-11-087-099-9660 27 60.0 263 11 US-11-087-099-5632	27 60.0 247 11 US-11-180-20-20-20-20-20-20-20-20-20-20-20-20-20	27 60.0 245 11 US-11-188-298-24552 27 60.0 245 11 US-11-188-298-20584	27 60.0 234 11 US-11-188-298-20885 27 60.0 234 11 US-11-188-298-15164	27 60.0 219 11 US-11-188-298-17133 27 60.0 233 11 US-11-045-004-2006	27 60.0 212 11 US-11-188-298-7543 27 60.0 216 11 US-11-098-686-10479	27 60.0 209 11 03-11-10-506-454-1459 27 60.0 211 9 US-10-506-454-1459	213 27 60.0 206 11 US-11-087-099-2337 213 27 60.0 206 11 US-11-188-298-14162	211 27 60.0 196 11 US-11-188-298-17112 212 27 60.0 196 11 US-11-188-298-17112	209 27 60.0 192 11 US-11-087-099-369 210 27 60.0 196 11 US-11-087-099-369	27 60.0 190 11 US-11-188-298-18763 27 60.0 190 11 US-11-188-298-7671	27 60.0 168 11 US-11-096-568A-19098 27 60.0 168 11 US-11-096-568A-21167	27 60.0 158 11 US-11-007-009-4869 27 60.0 168 11 US-11-007-099-4869	201 27 60.0 153 9 US-10-793-626-3170 202 27 60.0 153 9 US-10-793-626-3170	27 60.0 24 11 UC-11-50-246-46 27 60.0 26 9 US-10-510-246-46	28 62.2 1299 11 US-11-103-04-7-2-1 27 60.0 9 11 US-11-173-65-2 27 60.0 9 11 US-11-004-399-2156	28 62.2 1250 11 US-11-123-241-10 28 62.2 1250 11 US-11-123-241-231	28 62.2 1103 11 US-11-096-568A-27585	28 62.2 905 11 US-11-096-568A-27586 28 62.2 905 11 US-11-098-686-10257	28 62.2 666 11 US-11-239-674-46	28 62.2 594 11 US-11-052-554A-379 28 62.2 666 11 US-11-055-822-48	86 28 62.2 486 11 US-11-188-298-22007 87 28 62.2 555 11 US-11-087-099-5222	.84 28 62.2 480 9 05-10-70 05-20-20-20-20-20-20-20-20-20-20-20-20-20-	83 28 62.2 474 11 US-11-188-298-14119 S	81 28 62.2 454 11 US-11-087-099-11061 81 28 62.2 464 11 US-11-087-099-2021	79 28 62.2 3/3 11 US-11-072-175-145 80 28 62.2 397 11 US-11-072-175-145	28 62.2 368 11 US-11-072-512-2837 28 62.2 368 11 US-11-072-512-2837	28 62.2 341 11 US-11-188-298-18488	28 62.2 337 11 US-11-188-298-13433 28 62.2 340 11 US-11-188-298-14746	28 62.2 332 11 US-11-188-298-833 28 62.2 337 11 US-11-188-298-833	28 62.2 304 11 US-11-098-686-10425 28 62.2 311 11 US-11-096-568A-23505 28 62.2 311 11 US-11-096-568A-23505	28 62.2 300 11 US-11-055-822-536
27 60.0 305 11 US-11-188-298-13505 27 60.0 310 11 US-11-188-298-7885 27 60.0 315 11 US-11-188-298-11717	27 60.0 284 11 US-11-188-298-19079 27 60.0 284 11 US-11-188-298-19079 27 60.0 287 11 US-11-096-568A-12915 27 60.0 303 11 US-11-188-298-4964 27 60.0 304 9 US-10-793-626-1472	27 60.0 278 11 US-11-188-298-5866 27 60.0 278 11 US-11-096-5688-12916 27 60.0 280 11 US-11-096-5688-12916	27 60.0 263 11 US-11-087-099-10938 27 60.0 264 11 US-11-096-568A-5205 27 60.0 264 11 US-11-188-298-22153	27 60.0 262 11 US-11-087-099-9660 27 60.0 263 11 US-11-087-099-5632	27 60.0 247 11 US-11-180-20-20-20-20-20-20-20-20-20-20-20-20-20	27 60.0 245 11 US-11-188-298-24552 27 60.0 245 11 US-11-188-298-20584	27 60.0 234 11 US-11-188-298-20885 27 60.0 234 11 US-11-188-298-15164	27 60.0 219 11 US-11-188-298-17133 27 60.0 233 11 US-11-045-004-2006	27 60.0 212 11 US-11-188-298-7543 27 60.0 216 11 US-11-098-686-10479	27 60.0 209 11 03-11-10-506-454-1459 27 60.0 211 9 US-10-506-454-1459	213 27 60.0 206 11 US-11-087-099-2337 213 27 60.0 206 11 US-11-188-298-14162	211 27 60.0 196 11 US-11-188-298-17112 212 27 60.0 196 11 US-11-188-298-17112	209 27 60.0 192 11 US-11-087-099-369 210 27 60.0 196 11 US-11-087-099-369	27 60.0 190 11 US-11-188-298-18763 27 60.0 190 11 US-11-188-298-7671	27 60.0 168 11 US-11-096-568A-19098 27 60.0 168 11 US-11-096-568A-21167	27 60.0 158 11 US-11-007-009-4869 27 60.0 168 11 US-11-007-099-4869	201 27 60.0 153 9 US-10-793-626-3170 202 27 60.0 153 9 US-10-793-626-3170	27 60.0 24 11 UC-11-50-246-46 27 60.0 26 9 US-10-510-246-46	28 62.2 1299 11 US-11-103-04-7-2-1 27 60.0 9 11 US-11-173-65-2 27 60.0 9 11 US-11-004-399-2156	28 62.2 1250 11 US-11-123-241-10 28 62.2 1250 11 US-11-123-241-231	28 62.2 1103 11 US-11-096-568A-27585	28 62.2 905 11 US-11-096-568A-27586 28 62.2 905 11 US-11-098-686-10257	28 62.2 666 11 US-11-239-674-46	28 62.2 594 11 US-11-052-554A-379 28 62.2 666 11 US-11-055-822-48	86 28 62.2 486 11 US-11-188-298-22007 87 28 62.2 555 11 US-11-087-099-5222	.85 28 62.2 485 9 US-10-821-234-934 Se	83 28 62.2 474 11 US-11-188-298-14119 Seg	81 28 62.2 454 11 US-11-087-099-11061 Se	79 28 62.2 3/3 11 US-11-072-175-145 Se 80 28 62.2 397 11 US-11-072-175-145	28 62.2 368 11 US-11-072-512-2837 Se	28 62.2 341 11 US-11-188-298-18488	28 62.2 337 11 US-11-188-298-13433 28 62.2 340 11 US-11-188-298-14746	28 62.2 332 11 US-11-188-298-833 28 62.2 337 11 US-11-188-298-833	28 62.2 304 11 US-11-098-686-10425 28 62.2 311 11 US-11-096-568A-23505 28 62.2 311 11 US-11-096-568A-23505	28 62.2 300 11 US-11-055-822-536
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PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 13
LENGTH: 151
TYPE: PRI
ORGANISM: Human papillomavirus type 16
; Sequence 3, Application US/11206138
; Publication No. US20060039919A1
                             RESULT 2
US-11-206-138-3
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Publication No. US20060014926A1
GENERAL INFORMATION:
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McBlhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
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US-10-793-626-516
US-10-793-626-1418
US-11-045-004-1209
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US-10-497-135-23
US-10-497-135-24
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US-10-793-626-236
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US-11-096-568A-22609
US-11-188-298-22010
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US-11-087-099-5099
US-11-188-298-3428
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Sequence 236, App
Sequence 1614, Ap
Sequence 805, App
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Sequence 9306, Ap
Sequence 24913, A
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                                                                                                                                                                        Gaps
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GENERAL INFORMATION:

APPLICANT: HealthBanks Biotech CO. LTD.

TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer

FILE REFERENCE: P7819/0613

CURRENT APPLICATION NUMBER: US/11/206,138

CURRENT FILING DATE: 2005-08-18

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn version 3.3

SEQ ID NO 3

LENGTH: 158

TYPE: PRT

ORGANISM: Human papillomavirus type 16

US-11-206-138-3
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Best Local Similarity
Watches 9; Conserve
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-1
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US-10-530-253-3
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US-10-530-253-1
Sequence 3, Application US/10530253
Publication No. US20060014926A1
Publication No. US20060014926A1
Publicant: Cassetti, Maria C.
APPLICANT: Cassetti, Maria C.
APPLICANT: Sutth, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT PILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Publication No. US20060014926A1
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Seffrey K. Pullen
APPLICANT: Susan P. McElhinny
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100m137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             / Match 100.0%; Score 45; DB 9
Local Similarity 100.0%; Pred. No. 0.11;
1es 9; Conservative 0; Mismatches
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; SEQ ID NO 3; LENGTH: 248; TYPE: PRT; ORGANISM: Human papillomavirus type US-10-530-253-3
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; ORGANISM: Human papillomavirus type 16
US-10-530-253-5
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Publication No. US20060014926A1
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SOFTWARE: PatentIn version 3.1 SEQ ID NO 7
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
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APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. Kellhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry APPLICANT: Jeffrey K. Pullen APPLICANT: Susan P. McElhine
                                                                APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Someth, Larry
APPLICANT: Someth, Larry
APPLICANT: Someth, Larry
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
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SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                 NUMBER OF SEQ ID NOS: 65
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Local Similarity 100.0%;
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Pred. No. 0.11;
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; TYPE: PRT; ORGANISM: Human papillomavirus type 16 US-10-530-253-7
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US-10-530-253-11
Sequence 11, Application US/10530253
; Publication No. US20060014926A1
; Publication NorMATION:
GENERAL INFORMATION:
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                                     ; ORGANISM: Human papillomavirus US-10-530-253-11
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 9; Conserv
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Best Local
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APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
Query Match
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PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOPTWARE: PatentIn version 3.1
                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                            APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 248
TYPE: PRT
ORGANISM: Human papillomavirus type 16
                                                                                                                                                          NUMBER OF SEQ ID NOS: 65
                                                                              TYPE: PRT
                                                                                              ENGTH: 248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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100.0%; Pred. No. 0.11;
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    100.0%;
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Score 45;
                                                             type
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    DB 9;
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    Length 248;
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RESULT 11
US-11-096-568A-19577
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                                                                                                                                                                                     ; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1). (250)
; OTHER INFORMATION: Ceres Seq. ID
US-11-096-568A-1943
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US-11-096-568A-1943
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                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 1943
LENGTH: 250
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
SOPTWARE: Patentin Ver. 3.3
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/11192923A Publication No. US20060018928A1 GENERAL INFORMATION:
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Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1943, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION: APPLICANT: Alexandrov, Nickolai et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                      Query Match
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CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: PANG, XIAOWU
TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 256
TYPE: PRT
ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                  ORGANISM: Zea mays subsp.
                                                                                                                                         Local
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                                                            181
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                                                                                                                                         Similarity
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                                                                                           LOTTIND 7
                                                            LOTTLHD 187
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                                                                                                                                         77.8%;
85.7%;
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                                                                                                                                         Score 35;
Pred. No.
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Pred. No. 0.11;
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US-11-096-568A-1942
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Sequence 1941, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 1941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 1942
LENGTH: 298
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APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides FITTLE OF INVENTION: Therby
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc feature
LOCATION: (1). (298)
OTHER INFORMATION: Ceres Seq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Zea mays subsp.
FEATURE:
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LOCATION: (1)..(287)
OTHER INFORMATION: Ceres Seq. ID no. 12373656
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Local Similarity 66.7%;
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85.7%;
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Pred. No. 14;
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Pred. No. 13;
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Sequence 19576, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fra
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592FUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 19576
LENGTH: 448
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NAME/KEY: misc_feature
; LOCATION: (1)..(303)
; OTHER INFORMATION: Ceres Seq. ID no.
US-11-096-568A-1941
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                                                  ; ORGANISM: Zea mays subsp. mays; FEATURE; NAME/KEY: misc feature; LOCATION; (1). (448); OTHER INFORMATION: Ceres Seq. US-11-096-568A-19576
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APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
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Query Match
Best Local Similarity
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LOCATION: (1)...(329)
OTHER INFORMATION: Ceres Seq. ID no. 14313169
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ORGANISM: Glycine max
FEATURE:
                                                                                                                                                            TYPE: PRT
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Pred. No.
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Pred. No. 15;
                                                                      ID no. 12373655
 Score 35;
Pred. No.
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 DB 11;
21;
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14;
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                    Length 448;
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APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 19575
LENGTH: 463
TYPE: PRT
ORGANIEM: Zea mays subsp. mays
                                                                                                                                                                                                                                                                                                                                Sequence 6039, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA F

TITLE OF INVENTION: Therby

FILE REFERENCE: 2750-1592PUS2

CURRENT APPLICATION NUMBER: US/11/096,568A

CURRENT FILING DATE: 2005-04-01

NUMBER OF SEQ ID NOS: 34471

SEQ ID NO 6039

LENGTH: 540
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RESULT 18
US-11-180-298-5563
; Sequence 5563, Application US/11188298
; Publication No. US20060075522A1
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NAME/KEY: misc_feature
LOCATION: (1)..(540)
OTHER INFORMATION: Cer
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NAME/KBY: misc feature
LOCATION: (1)...(463)
OTHER INFORMATION: Ceres Seq.
                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                          Local Similarity
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Local Similarity 66.7%;
les 6; Conservative
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Pred. No.
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                                                                                                                                                                          DB 11; Length 540; 26;
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Publication No. US20060014926A1
GENERAL INFORMATION:
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SEQ ID NO 5563
                                                                                                                 GENERAL INFORMATION:
                                                                                                                                 Sequence 26, Application US/10530253
Publication No. US20060014926A1
                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)8
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
                                                      APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry APPLICANT: Jeffrey K. Pullen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PEATURE:
NAME/KEY: unsure
LOCATION: (1).. (989)
OTHER INFORMATION: unsure at all Xaa locations
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT CRGANISM: Human papillomavirus type
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 149
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nes 5; Conserv
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75.0%;
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Pred. No. 16;
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Pred. No.
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CURRENT APPLICATION NUMBER: US/10/506,454
CURRENT FILING DATE: 2004-08-31
PRIOR APPLICATION NUMBER: PCT/US03/06664
PRIOR FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: 60/361,742
PRIOR APPLICATION NUMBER: 60/361,742
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 1722
SOFTWARE: Patentin version 3.2
SEQ ID NO 1603
LENGTH: 237
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                Sequence 17532, Application US/11188298
publication No. US20060075522A1
general INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
CURRENT FILING DATE: 2005-07-22
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 158
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Publication No. US20060068386A1
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APPLICANT: Mezhevaya, Katja
APPLICANT: Polushin, Nikola
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: ECT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/415,929 PRIOR FILING DATE: 2002-10-03
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TITLE OF INVENTION: The Complete Genome and Protein Sequences of the Hyperthermophile
TITLE OF INVENTION: Methanopyrus Kandleri AV19 and Monophyly of Archael Methanogens
TITLE OF INVENTION: and Methods of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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PRIOR APPLICATION NUMBER: 60/592,978
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Polushin, Nikolai N
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Kozyavkin, Sergei A
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Malykh, Andrei G
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62.5%;
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Pred. No. 27;
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Sequence 16137, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 3005-07-25
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
PRIOR FILING DATE: 2004-07-31
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US-11-188-298-6731
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TYPB: PRT
; ORGANISM: Shewanella oneidensis MR-1
US-11-188-298-16137
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; ORGANISM: SYNECHOCOCCUS SP. WH 8102
US-11-188-298-6731
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                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION UNMBER: 60/592,978
PRIOR PILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
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NUMBER OF SEG ID NOS: 22569
SEG ID NO 17532
LENGTH: 333
                                                                                                                                                                                                                                                      SEQ ID NO 6731
LENGTH: 340
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Best Local
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                                                                                      Local Similarity
ses 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Match 71.1%; Score 32; DB 11; Length 337; Local Similarity 100.0%; Pred. No. 62; es 6; Conservative 0; Mismatches 0; Indels
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    181
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                                             3 TTIHDI 8
    TTIHDI 186
                                                                                    71.1%; Score 32; DB 11; Length 340;
larity 100.0%; Pred. No. 63;
Conservative 0; Mismatches 0: Trdale
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GENERAL INFORMATION:
APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
TITLE OF INVENTION: Proteins
FILL REFERENCE: PWC/P21129WO
CURRENT APPLICATION NUMBER: US/10/873,528
CURRENT FILING DATE: 2004-06-23
PRIOR APPLICATION NUMBER: US/99/769,787
PRIOR FILING DATE: 2001-01-26
PRIOR PILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: US/99/769,787
PRIOR PILING DATE: 1998-03-27
PRIOR PILING DATE: 1998-03-27
PRIOR PILING DATE: 1998-03-19
PRIOR PILING DATE: 1998-03-19
PRIOR PILING DATE: 1998-03-19
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US-10-873-528-193
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                                                                                                                                                                  ; ORGANISM: Streptococcus pneumoniae US-10-873-528-193
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US-10-873-528-37
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
TITLE OF INVENTION: Proteins
FILE REFERENCE: PWC/P21129WO
CURRENT APPLICATION NUMBER: US/10/873,528
CURRENT FILING DATE: 2004-06-23
PRIOR APPLICATION NUMBER: US/09/769,787
PRIOR FILING DATE: 2001-01-26
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 37
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                                                                                                                                                                                                                                SOFTWARE: PATENTIN Ver.
SEQ ID NO 193
LENGTH: 513
                                                                                 Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                    TYPE: PRT
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les 6; Conserv
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495 TTIHDI 500
                                          3 TTIHDI 8
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                                                                                                     71.1%; Score 32; DB 9; 100.0%; Pred. No. 1e+02;
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RESULT 27 US-11-103-957-61 ; Sequence 61, Application US/11103957

Publication No. US20050281847A1

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Sequence 10391, Application US/11087099
Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant
FILE REFERENCE: 38-21 (53450) B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 10391
LENGTH: 186
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US-11-087-099-1991
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                                                                                                                                                                                                                                     US-11-087-099-10391
                                                                                                                                                                                                                                                        RESULT 29
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CURRENT APPLICATION NUMBER: US/11/103,957
CURRENT APPLICATION NUMBER: US/10/467,534
PRIOR APPLICATION NUMBER: US/10/467,534
PRIOR PILING DATE: 2004-02-03
PRIOR PPLICATION UNMBER: PCT/EPOZ/01356
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: GB 0103169.9
PRIOR FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 1991
LENGTH: 643
TYPE: PRT
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Best Local Similarity 85.7%;
Matches 6; Conservative
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APPLICANT: Lobet, Yves
APPLICANT: Poolman, Jan
APPLICANT: Verlant, Vincent Georges Christian Louis
APPLICANT: Verlant, Vaccine Composition
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Pred. No. 1.1e+02;
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Sequence 21765, Application US/11188298

Publication No. US20060075522A1

GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21(53452)B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 2055-07-22

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 2055-07-31

NUMBER OF SEO ID NOS: 22569

SEO ID NO 21765

LENGTH: 335
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                                                                                                       RESULT 32
Sequence 16409, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
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TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
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Matches 4; Conservative
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Matches 5; Conserv
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Pred. No.
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RESULT 33
US-10-703-799B-62
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LENGTH: 383
TYPE: PRT
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CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16409
LENGTH: 340
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Best Local S
Matches 5
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APPLICANT: Lee, Heung-Shick
APPLICANT: Lee, Heung-Shick
TITLE OF INVENTION: CORYNBEACTERIUM GLUTAMICUM GENES ENCODING STRESS,
TITLE OF INVENTION: RESISTANCE AND TOLERANCE PROTEINS
FILE REFERENCE: BGI-124CPCN
CURRENT APPLICATION NUMBER: US/10/703,799B
CURRENT FILING DATE: 2003-11-07
CURRENT FILING DATE: 2003-11-07
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APPLICANT: Kroger, Burkhar
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PRIOR FILING DATE: 1999-07-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 306
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nes 5; Conserv
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FILING DATE: 1999-06-25
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FILING DATE: 1999-07-01
APPLICATION NUMBER: 60/151214
FILING DATE: 1999-08-27
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APPLICATION NUMBER: DE 19931457.8
FILING DATE: 1999-07-08
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238 MKKTIHDIL 246
                                                                    Similarity 55. 5; Conservative
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                               LOTTINDII 9
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                                                                                      55.6%;
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83.3%;
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Pred. No. 1e+02;
                                                                                    Score 31; DB 9;
Pred. No. 1.1e+02;
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                                                                       Mismatches
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                                                                                                      Length 383
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RESULT 34
US-10-503-575-174
RESULT 36
US-10-986-405-199
; Sequence 199, Application US/10986405
; Publication No. US20060073561A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
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US-11-079-463-6103
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US-11-079-463-6103
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US-10-503-575-174
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APPLICANT: GATY L. BYCCON
APPLICANT: GATY L. BYCCON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRA
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATH00-03DIV2
CURRENT FILING DATE: 005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1 SEQ ID NO 174
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                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
SEQ ID NO 6103
                                                                                                                                                                                                                                                                 Query Match
Best Local S
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APPLICANT: Driffbout, Petrus Antonius
APPLICANT: Van Veelen, Petrus Antonius
APPLICANT: KONING, Frits
APPLICANT: KONING, Frits
TITLE OF INVENTION: NOVEL EDITODES FOR CELIAC DISEASE AND AUTOIMMUNE DISEASES, METHOD:
TITLE OF INVENTION: DETECTING THOSE AND NOVEL NON-ANTIGENIC FOOD COMPOUNDS
FILE REFERENCE: 2799/72843-PCT-US
CURRENT APPLICATION NUMBER: US/10/503,575
CURRENT PILING DATE: 2004-08-04
PRIOR APPLICATION NUMBER: PCT/NL03/00077
PRIOR APPLICATION NUMBER: PCT/NL03/00077
PRIOR APPLICATION NUMBER: EP 02075456.0
PRIOR PILING DATE: 2002-02-04
NUMBER OF SEQ ID NOS: 340
NUMBER OF SEQ ID NOS: 340
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TYPE: PRT
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16 IQASIHDI 23
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Pred. No. 6.3;
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TITLE OF INVENTION: 157 Human Secreted Proteins

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RESULT 37
US-10-986-405-205
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                                                              ; LENGTH: 135
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-405-205
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US-10-986-405-199
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PRIOR FILLING DATE: 2003-05-16
PRIOR PELICATION NUMBER: US 60/388,543
PRIOR FILLING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILLING DATE: 2002-08-08
PRIOR PILLING DATE: 2002-08-08
PRIOR PILLING DATE: 2002-05-17
PRIOR FILLING DATE: 2002-05-17
PRIOR FILLING DATE: 2002-05-17
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                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 205
Query Match
Best Local Similarity
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Best Local Similarity 71.4%;
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PRIOR FILING DATE: 2002-08-13
NUMBER OF SEQ ID NOS: 378
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PZ750P1
CURRENT APPLICATION NUMBER: US/10/986,405
CURRENT FILING DATE: 2004-11-12
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PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
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CURRENT FILING DATE: 2004-11-12
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NUMBER OF SEQ ID NOS: 378
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TYPE: PRT
                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/402,799
                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/381,592 FILING DATE: 2002-05-17
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FILING DATE: 2002-08-12
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APPLICATION NUMBER: US 60/415,902
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    66.7%;
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1; Mismatches
    Score 30;
Pred. No.
    DB 9;
57;
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                        Length 135;
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US-10-986-405-229
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CURRENT APPLICATION NUMBER: US/10/986,405
CURRENT FILING DATE: 2004-11-12
PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
PRIOR PILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
PRIOR FILING DATE: 2002-08-08
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US-10-986-405-200
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 200, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 229
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Best Local Similarity 71.4%;
Matches 5; Conservative
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PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
PRIOR FILING DATE: 2002-06-12
                                                                                                                                                                                                                                                                                APPLICANT: Rosen, et al.
TITLE OF INVENTION: 157 Human Secreted Proteins
FILE REFERENCE: PZ750P1
CURRENT APPLICATION NUMBER: US/10/986,405
CURRENT FILING DATE: 2004-11-12
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PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR FILING DATE: 2002-08-13
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                                                                                 PRIOR APPLICATION NUMBER: US 60/381,592
PRIOR FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: US 60/402,585
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                                                                 PRIOR FILING DATE:
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                                        APPLICATION NUMBER: US 60/404,959
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APPLICATION NUMBER: US 60/415,902
APPLICATION NUMBER: US 60/415,902
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                                                                 2002-08-12
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Pred. No. 59;
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US-11-188-298-10295
, Sequence 10295, Application US/11188298
; Publication No. US20060075522A1
; GENERAL INFORMATION:
   APPLICANT: Abad, Mark S. et al.
   TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
; FILE REFERENCE: 38-21(53452)B
; CURRENT APPLICATION NUMBER: US/11/188,298
; CURRENT FILING DATE: 2005-07-22
; CURRENT FILING DATE: 2005-07-22
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US-10-986-405-216
                                                      Sequence 216, Application US/10986405
Publication No. US20060073561A1
GENERAL INFORMATION:
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Matches
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LENGTH: 179
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Best Local
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-10-986-405-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US 60/402,799
PRIOR FILING DATE: 2002-08-13
NUMBER OF SEQ ID NOS: 378
                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver.
TITLE OF INVENTION: 157 Human Secreted Proteins FILE REFERENCE: PZ750P1
CURRENT APPLICATION NUMBER: US/10/986,405
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 22569
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NAME/KEY: SITE
LOCATION: (143)
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NAME/KEY: SITE
LOCATION: (138)
                                            APPLICANT: Rosen, et al.
                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Methanothermobacter thermautotrophicus str.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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5; Conserv
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6; Conserv
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Pred. No.
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78;
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PRIOR PELLING DATE: 2002-08-22
PRIOR PELLING DATE: 2002-08-22
PRIOR PELLING DATE: 2002-08-22
PRIOR PELLING DATE: 2002-10-04
PRIOR PELLING DATE: 2002-10-04
PRIOR PELLING DATE: 2002-08-13
VIUMBER OF SEQ ID NOS: 378
SOPTWARE: PACENTIN Ver. 2.0
SEQ ID NO 216
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US-11-188-298-17244
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LOCATION: (163)
OTHER INFORMATION:
US-10-986-405-216
; ORGANISM: Streptomyces galilaeus
US-11-188-298-17244
                                            PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 17244
LENGTH: 291
                                                                                                                              Sequence 17244, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-7-22
DEPTOR ADDITIONATION NUMBER: US/11/188,298
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Best Local S
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PRIOR APPLICATION NUMBER: PCT/US2003/015439
PRIOR FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/388,543
PRIOR FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/401,757
PRIOR FILING DATE: 2002-08-08
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NAME/KEY: SITE
LOCATION: (9)
OTHER INFORMATION: X
FEATURE:
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OTHER INFORMATION:
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                                 TYPE: PRT
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LOCATION: (137)
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OTHER INFORMATION:
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Query Match

Length 291;

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GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21 (53452) B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT FILING DATE: 2005-07-22

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR FILING DATE: 2004-07-31

NUMBER OF SEQ ID NOS: 22569

SEQ ID NO 3948

LENGTH: 333

TYPE: PRT

ORGANISM: Vibrio vulnificus CMCP6
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US-11-188-298-3948
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US-11-188-298-2051
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US-11-188-298-22053
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                                           Sequence 2051, Application US/11188298 Publication No. US20060075522A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 22053
LENGTH: 333
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APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
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Best Local
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CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
APPLICANT: Abad, Mark S. et al. TITLE OF INVENTION: GENES AND USES FILE REFERENCE: 38-21(53452)B
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Pred. No. 1.3e+02;
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Pred. No. 1.6e+02;
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Pred. No.
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                  FOR PLANT IMPROVEMENT
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Query Match
Best Local Similarity
Matches 5; Conserve
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                                                                 ; ORGANISM: Rhodococcus sp. Phi2 US-11-188-298-12429
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US-11-188-298-12429
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                                                                                                                                 PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 12429
                                                                                                                                                                                                                                                                                       Sequence 12429, Application US/11188298 Publication No. US20060075522A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 21865
LENGTH: 338
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Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/892,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 2051
LENGTH: 334
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                                 Query Match
                                                                                                                                                                                                     APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
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NAME/KEY: misc_feature
LOCATION: (1)..(338)
OTHER INFORMATION: Ceres Seq. ID no.
                                                                                                     LENGTH: 352
TYPE: PRT
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Pred. No.
                 Score 30; DB 11;
Pred. No. 1.7e+02;
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Sequence 84, Application US/1087856A

EDULICATE HOFEMATION:
APPLICANT: HOFEMAN La-Roche Inc.
TITLE OF INVENTION: HCV regulated protein expression
FILE REFERENCE: 21762
CURRENT APPLICATION NUMBER: US/10/878,556A
CURRENT FILING DATE: 2004-06-28
NUMBER OF SEQ ID NOS: 199
SOFTWARE: Patentin version 3.1
SEQ ID NO 84
LENGTH: 354
TYPE: PAT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ENTRY DATE: 1997-11-01
US-10-878-556A-84
     RESULT 50
US-11-079-463-6883
; Sequence 6883, Application US/11079463
; Publication No. US20060073161A1
; Publication No. US20060073161A1
; GENERAL INFORMATION: Breton
; APPLICANT: Gary L. Breton
; APPLICANT: GARY L. Breton
; TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
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Publication No. US20060035244A1

GENERAL INFORMATION:

APPLICANT: Riggins, Gregory J

TITLE OF INVENTION: A Method for Distinguishing Follicular Tyroid Adenoma (FTA) from TITLE OF INVENTION: Follicular Thyroid Carcinoma (FTC)

FILE REFERENCE: 000250,00021

CURRENT APPLICATION NUMBER: US/11/100,640

CURRENT FILING DATE: 2005-04-07
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SEQ ID NO 4
LENGTH: 354
TYPE: PRT
ORGANISM: human
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FILE REFERENCE: PATH00-03DIV2
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CURRENT APPLICATION NUMBER: US/11/079,463; CURRENT FILING DATE: 2005-03-14; PRIOR APPLICATION NUMBER: US 60/128,705; PRIOR FILING DATE: 1999-04-09; PRIOR APPLICATION NUMBER: US 09/540,209; PRIOR FILING DATE: 2000-04-04; NUMBER OF SEQ ID NOS: 10444; SEQ ID NO 6883
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                                                                                                                            ; LENGTH: 371
; TYPE: PRT
; ORGANISM: B.fragilis
US-11-079-463-6883
                                                              Matches
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               3 TTIHDI 8
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                                                              Score 30; DB 11; Length 371; Pred. No. 1.8e+02; 1; Mismatches 0; Indels
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RESULT 1
US-08-197-484-72
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GENERAL INFORMATION:
APPLICATION NUMBER: US 07/827,682
FILING DATE: 29-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/749,568
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,811
PRILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION UNWBER: US 07/874,491
PRILING DATE: 27-APR-1992
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
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APPLICANT: CHESTNUT, Robert W.
APPLICANT: SETTE, Alessandro D.
APPLICANT: CELIS, Beteban
APPLICANT: CRAY, Howard
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ELICITING
TITLE OF INVENTION: CTL IMMUNITY
NUMBER OF SEQUENCES: 153
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ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: Steuart Street Tower, One Market Plaza
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FILING DATE: 16-FEB-1994
CLASSIFICATION: 424
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STATE: California
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14, Appl
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20967, A
2, Appli
1068, Ap
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Appl
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RESULT 3

PCT-US95-02121-72

Sequence 72, Application PC/TUS9502121

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: COMPOSITIONS AND TITLE OF INVENTION: CTL IMMUNITY

NUMBER OF SEQUENCES: 153
                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: peptide US-09-601-729-273
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: VERWAERDE, CLAUDIE
APPLICANT: GUILLET, JEAN GERARD
TITLE OF INVENTION: LIPOPEPTIDES CONTAINING AN INTERPERON FRAGMENT AND USES
TITLE OF INVENTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
FILE REFERENCE: USB-97-AU-IN
CURRENT APPLICATION NUMBER: US/09/601,729
CURRENT FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: PCT/FR99/00259
PRIOR APPLICATION NUMBER: 98 01439
PRIOR FILING DATE: 1999-02-05
PRIOR FILING DATE: 1998-02-06
NUMBER OF SEQ ID NOS: 281
SOFTWARE: PATENTIN Ver. 2.11
SEQ ID NO 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6683052
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                            Query Match
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Best Local (
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APPLICANT: AURIAULT, CI
APPLICANT: GRAS-MASSE,
APPLICANT: LOING, ESTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 14137-26-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 467-9600
TELEPAX: (206) 623-6793
INFORMATION FOR SEQ ID NO: 72:
                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                           Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                273, Application US/09601729
o. 6683052
                                                                                                                                                                                                                                                                  1 TIHDIILEC
                                                                                                                                                                                                                                                                                                       Similarity
9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      h 100.0%; Score 49; DB 2; Similarity 100.0%; Pred. No. 0.0046; 9; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TIHDIILEC 9
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GRAS-MASSE, HELENE
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                                                                        COMPOSITIONS AND METHODS
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                        Length 10;
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SOFTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US95/02121 FILING DATE: 16-PEB-1995 CLASSIFICATION:

OPERATING SYSTEM:

PC-DOS/MS-DOS

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US-07-909-122-3
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Patent No. 5415995
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FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/874,491
FILING DATE: 27-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,682
FILING DATE: 29-JAN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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FILING DATE: 16-FEB-1994
FRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
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APPLICATION NUMBER: U
FILING DATE: 26-AUG-1
                                                                                                                                                                                                                                                                                     NUMBER OF SEVEN.
CORRESPONDENCE ADDRESS:
MORRISON & FOERSTER
ADDRESSEE: MORRISON & FOERSTER
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                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PSYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/909,122
FILING DATE: 19920706
                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA TITLE OF INVENTION: VIRUS VIRUS OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SCHOOLNIK, GARY K.
APPLICANT: PALEFSKY, JOEL M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 467-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y match
Local Similarity 100.0%;
Local Similarity 100.0%;
1es 9; Conservative 0
TTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                             STREET: 755 Page Mill
CITY: Palo Alto
STATE: California
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REFERENCE/DOCKET NUMBER: 14137-26-4PC
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REGISTRATION NUMBER:
                   FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94304-1018
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                                              ; MOLECULE TYPE:
US-08-363-586-4
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Patent No.
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/909,296
FILING DATE: 09-UUL-1992
APPLICATION NUMBER: EP 9111720.8
FILING DATE: 13-UUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REGISTRATION NUMBER: 33,218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 3:
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                                                                                                                                                        TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
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LENGTH: 14 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Rel-BASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT: Gissmann,
TITLE OF INVENTION: U
TITLE OF INVENTION: U
                                                                                                                                                                                                      REGISTRATION NUMBER: 33,218
REFERENCE/DOCKET NUMBER: 02481-1195-00000
TELECOMMUNICATION INFORMATION:
                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
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TELBEAX: 706141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Washington
                                                                                      TYPE: amino aci
TOPOLOGY: linea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                           ELEPHONE:
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5. 5629161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        n 100.0%; Score 49; DB 1; Similarity 100.0%; Pred. No. 0.0065; 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1300 I Street, N.W.
                                                                                                                   30 amino acids
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                                                                                          linear
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                                                                                                                                                                                             202-408-4000
                                                                    peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Use of HPV-16 E6 and E7-Gene Derived Peptides for the Diagnostic Purpose
 100.0%;
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   Score 49;
Pred. No.
   ; DB 1;
. 0.014;
                    Length 30;
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Matches

Conservative

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Mismatches

0

Indels

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Gaps

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GENERAL INCOMMATION:
GENERAL INCOMMATION:
APPLICANT: PERSSON, Roy
APPLICANT: PERSSON, Roy
APPLICANT: CAO, Shi-Xian
APPLICANT: CAO, Shi-Xian
APPLICANT: KAEIN, Michel H.
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANT: MCINCEON, Phillipe
APPLICANTION NUMBER: US/09/390,027
CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: 60/099,291
EARLIER FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 12
SOFTWARRE: PATENTION DESCRIPTION
ERROTH: 59
TYPE: PRT
ORGANISM: Artificial Sequence
PERTURE
OFFICE INFORMATION. Description of Artificial Sequence
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US-09-390-027-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09390027
Patent No. 6235523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: PROTEINS OF PROTEIN FRAGMENTS OF THE E6 AND E7
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: CHOPPIN, JEANNINE APPLICANT: BOURGAULT VILLADI APPLICANT: GUILLET, JEAN-GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
                       OTHER INFORMATION: Description of Artificial Sequence:Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
mes 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 49; DB 2; ilarity 100.0%; Pred. No. 0.014; Conservative 0; Mismatches
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Sequence 18, Application US/09701080C

Patent No. 6864054

GENERAL INFORMATION:
APPLICAUT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
ITILE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PRO
ITILE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCW
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT PILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR FILING DATE: 1998-05-26
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR PILING DATE: 1999-01-05
                                                                                                                                                                                                                                             APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANTION PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: DCT/FR00/01513
                                                                                                     ; LENGTH: 158
TYPE: PRT
; ORGANISM: Human Papillomavirus
US-09-980-523A-2
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Matches
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SEQ ID NO 18
                                                    Query Match
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     Matches
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Local Similarity nes 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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o. 6783763
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Similarity 100.0%;
9; Conservative 0;
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     Conservative
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                          100.0%; Score 49;
100.0%; Pred. No.
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100.0%; Pred. No. 0.077;
tive 0; Mismatches
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Pred. No. 0.029;
     Mismatches
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                            0.081;
                                                    DB 2; Length 158;
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       Indels
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     Gaps
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RESULT 10
US-08-316-239B-3
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                                                                                                                                                                                         Sequence 4, Application US/08316239B Patent No. 5679509 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wheeler, C
APPLICANT: Parmenter,
TITLE OF INVENTION: D
TITLE OF INVENTION: D
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                             APPLICANT: Wheeler, Cosette M.
APPLICANT: Parmenter, Cheryl A.
APPLICANT: Parmenter, Cheryl A.
APPLICANT: Parmenter, Cheryl A.
APPLICANT: Parmenter, Cheryl A.
APPLICANT: Parmenter, Cheryl A.
APPLICANT: Wheeler, Cosette M.
APPLICANTION: Methods and a Diagnostic Aid for
TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and
TITLE OF INVENTION: Cervical Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKST NUMBER: UN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
                        CORRESPONDENCE ADDRESS:
                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Jagtiani & Associates
STREET: 6126 Rocky Way Court
CITY: Centreville
                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity res 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 20120-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: not relevant TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
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  ADDRESSEE:
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VENTION: Methods and a Diagnostic Aid for
VENTION: Distinguishing a Subset of HPV that is Associated with an
VENTION: Increased Risk of Developing Cervical Dysplasia and
VENTION: Cervical Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 49; DB 1; Length 162; ilarity 100.0%; Pred. No. 0.083; Conservative 0; Mismatches 0; Indela
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Jagtiani & Associates
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                                                                                                           US-08-860-165-14
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 14
                                                             Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6004557
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                Matches
                                                                                                                                                                                                                               EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                       TYPE: PRT
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APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: HYPOTHETICAL:
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TYPE: amino acid
STRANDEDNESS: not relev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Jagtiani, Ajay A.
REFERENCE/DOCKET NUMBER: UN
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: not relevant
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1 TIHDIILEC 9
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VA
                                                9;
                                                              Similarity
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iilarity 100.0%;
Conservative 0
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703) 803-9387
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Pred. No. 0.083;
                                                             Score 49; DB 2;
Pred. No. 0.089;
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                                                   Mismatches
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                                                                             Length 172;
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US-08-117-083-10
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US-09-359-382-14
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NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 172
                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24.190
REFERENCE/DOCKET NUMBER: A-58783
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APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Human papillomavirus type
-09-359-382-14
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CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
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APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human
TITLE OF INVENTION: Papilloma Virus Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
TELECOMMUNICATION INFORMATION: TELEPHONE: 415-781-1989
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CITY: San Francisco
STATE: CA
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                                                                                                            GENERAL INFORMATION:
                                                                                                                           Sequence 10, Application US/08860165A Patent No. 6004557
                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
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Patent No. 6884786
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                  Query Match
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CURRENT FILLING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR FILING DATE: 1998-07-17
PRIOR PELICATION NUMBER: FR 97/09152
PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILLING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
                                  APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REFERENCE: 017753-122
                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 243
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Protein LOCATION: 1..182 OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                   Local
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STRANDEDNESS: sir
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100.0%; Pred. No. 0.13;
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the open reading frame."
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Pred. No. 0.094;
Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                DB 2; Length 243;
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US-09-359-382-10
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US-09-367-309A-1
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SEQ ID NO 10
LENGTH: 266
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              Sequence 1, Application US/09367309A
Patent No. 6428807
GENERAL INFORMATION:
APPLICANT: MACLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING
PILE REFERENCE: 017227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
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CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
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Best Local :
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CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
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NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.0
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APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
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PRIOR APPLICATION NUMBER: PCT/AU98/00080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 266
                                                                                                                                                                                                                                                                                                                                           / Match 100.0%; Score 49; DB 2; Length 266; Local Similarity 100.0%; Pred. No. 0.14; es 9; Conservative 0; Mismatches 0; Indels
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9; Conserve
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nilarity 100.0%;
Conservative 0
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                                                                              COMPLEXES
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                                                                                                                                                    Sequence 10, Application US/09485885
Patent No. 6342224
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
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LENGTH: 273
TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Best Local
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Patent No. 6342224
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PRIOR APPLICATION NUMBER: AU E
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
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APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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           CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE:
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ORGANISM: Human
                                                                                                     TITLE OF INVENTION: Vaccine FILE REFERENCE: B45107
                                                                                                                                          APPLICANT: Lombardo-Bencheikh, Angela
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                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
mes 9; Conserv
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9; Conserv
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1997-08-22
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Pred. No. 0.14;
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Pred. No. 0.14;
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; SOFTWARE: FastSEQ for V

; SEQ ID NO 6

; LENGTH: 371

; TYPE: PRT

; ORGANISM: Homo sapien

US-09-485-885-6
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Best Local Similarity
Finishes 9; Conserva
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; ORGANISM: Homo sapien
US-09-485-885-10
                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                           Sequence 14, Application US/09485885 Patent No. 6342224
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APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
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SOFTWARE: FastSEQ for
SEQ ID NO 10
LENGTH: 292
SEQ ID
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Patent No. 6342224
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Best Local Similarity
                                                   CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: 1
                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                          FILE REFERENCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lombardo-Bencheikh, Angela TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                             135 TIMDITLEC 143
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                     FastSEQ for Windows Version 3.0
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Conservative (
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                                                                                                                   US-08-159-339A-73
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US-08-159-339A-73
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                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
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SEQUENCE CHARACTERISTICS
LENGTH: 10 amino acid
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APPLICANT: Celis, ES
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 390
                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: DOS
                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kubo, Ralph T. APPLICANT: Grey, Howard M.
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                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
FILING DATE: 05-MAR-
APPLICATION NUMBER:
FILING DATE: 06-AUG-
                                                       Local Similarity 
nes 8; Conserv
                                                                                                                                          TOPOLOGY:
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6037135
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9; Conservat
IHDIILEC
                                                                                                                                                                       : 10 amino acids
amino acid
                                                        Conservative
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Celis, Esteban
VENTION: HLA Binding peptides and Their
                                                                                                                                                                                                                                              : (415) 576-0200
(415) 576-0300
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TUMBER: US 08/103,396
06-AUG-1993
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100.0%; Pr
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                                                                       Score 44;
; Pred. No.
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Pred. No. 0.21;
                                                          Mismatches
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                                                                                     DB 2;
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US-09-457-708-2
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APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR PILING DATE: 1998-02-13

PRIOR PILING DATE: 1998-03-13

PRIOR PILING DATE: 1998-08-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 15013
LENGTH: 620
TYPE: PRT
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Applic
Patent No. 6326483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -09-248-796A-15013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 28208
TELEPAX: (202) 639-6604
INFORMATION FOR SEQ ID NO: :
SEQUENCE CHARACTERISTICS:
LENGTH: 1164 amino acid
                                                                         ATTORNEY/AGENT INFORMATION:
NAMB: SANZO, Michael A.
REGISTRATION NUMBER: 36,912
REFERENCE/DOCKET NUMBER: BRI3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639-6585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                       COUNTRY: U.S.

ZIP: 20004-1008

ZIP: 20004-1008

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/457,708
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Compositions and Methods Based U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STREET: 14
                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                     STATE: D.
                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Washington
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1455 Pennsylvania Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Halley, Dicky
   1164 amino acide
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                                                                                                                    BRI331/42002
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RESULT 26
US-09-950-046A-2
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US-09-457-708-2
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GENERAL INFORMATION:
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                                                                   Matches
                                                                                                  Query Match
                                                                                                                                                                                                                                                                                         TELEFAX: (202) 639-60
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein HYPOTHETICAL: NO
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                                                                                   Local Similarity
                                                                                                                                                                   STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: protein HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/950,046A
FILING DATE: 12-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20004-1008
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Compositions and Methods Based Upon the Tuberous Sclerosis-1 (TSC-1) Gene and Gene Product
                                                                                                                                                                                                                                                                                                                                                NAME: Sanzo, Michael A.
REGISTRATION NUMBER: 36,912
REFERENCE/DOCKET NUMBER: BRI331/42002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639-6585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Vinson & Elkins
STREET: 1455 Pennsylvania Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kwiatkowski, David J.
                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO:
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253 HDVVIEC 259
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                                  3 HDIILEC 9
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4; Conservative
                                                                                                                                                                                                                                                         LENGTH: 1164 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington
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                                                                   Conservative
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57.1%;
                                                                                 73.5%;
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                                                                   Score 36; DB 2;
Pred. No. 1.8e+02;
3; Mismatches 0
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                                                                                                       Length 1164;
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US-08-934-915-159
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Best Local Similarity
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CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 1143
SOPTWARE: PERL Program
SEQ ID NO 989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 989, Application US
Patent No. 6673549
GENERAL INFORMATION:
APPLICANT: Furness, Michael
APPLICANT: Buchbinder, Jen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 159, Application US/08934915 Patent No. 5932412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                 COUNTRY: U.S.A.

COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows 3.0

SOFTWARE: Microsoft Word 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/934,915

FILING DATE: 22-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Buchbinder, Jenny
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
FILE REFERENCE: PA-0041 US
                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/949
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. FOUTCH
REGISTRATION NUMBER: 37.1
REFERENCE/DOCKET NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC
TITLE OF INVENTION: PAPILLOMA
TITLE OF INVENTION: USEFUL IN
TITLE OF INVENTION: USEFUL IN
TITLE OF INVENTION: DIGNOSTI
NUMBER OF SEQUENCES: 193
CORRESPONDENCE ADDRESS:
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NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. 6673549 4215034CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 1164
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TELECOMMUNICATION INFORMATION: TELEPHONE: 813-538-3800
                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: MASON & ASSOCIATES, P.A. STREET: 17757 U.S. HWY. 19 NORTH, SUITE 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              253
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57.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SYNTHETIC PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DIAGNOSTIC PURPOSES
                                                                                                                                            07/949,836
                                  37,133
RR: 1946.6
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Pred. No. 1.8e+02;
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                                                                                                                     ; ORGANISM: Drosophila melanogaster US-09-270-767-48825
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US-09-270-767-48825
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US-09-270-767-33608
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Best Local Similarity
"hes 7; Conserve
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                                                                                                                                            Sequence 48825, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT PILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 48825
LENGTH: 111
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33608
                                                         Matches
                                                                         Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 11
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
2 IHDIILEC 9
:|||:::|
33 LHDILIKC 40
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                                                                          Similarity
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                                                         Conservative
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50.0%;
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                                                                         Score 34; DB
Pred. No. 38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Mismatches
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Pred. No. 4.1;
                                                            Mismatches
                                                                                      2
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                                                                                     Length 111
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                                                            Indels
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                                                           Gaps
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RESULT 31 US-09-489-039A-13381

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; TYPE: PRT ; ORGANISM: Klebsiella pneumoniae US-09-489-039A-13381
                                                                                                                                        RESULT 33
US-08-426-509A-12
; Sequence 12, Application US/08426509A
; Patent No. 6326469
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Calendula officinalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-638-937-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Mic
SEQ ID NO 2
LENGTH: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cahoon, Edgar B
APPLICANT: Hitz, William D
APPLICANT: Ripp, Kevin G
TITLE OF INVENTION: METHOD FO
TITLE OF INVENTION: BONDS
BYLL BEFORENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/489,039A CURRENT FILING DATE: 2000-01-27 PRIOR APPLICATION NUMBER: US 60/117,747 PRIOR FILING DATE: 1999-01-29 NUMBER OF SEQ ID NOS: 14342 SEQ ID NO 13381 LENGTH: 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13381, Appl:
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Bro
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/09638937
Patent No. 6593514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/638,937
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: BB-1371-P1
PRIOR FILING DATE: 1999-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                 APPLICANT: Ullrich, Axel
APPLICANT: Gishizsky, Mikhail
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
TITLE OF INVENTION: TYROSINE KINASES
                                    NUMBER OF SEQUENCES:
 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   138 HDLVLDC 144
                                                                                                                                                                                                                                                                         47 LHDIIVTC 54
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Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               METHOD FOR FATTY ACID
                                                                                                                                                                                                                                                                                                                                                                67.3%;
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Pred. No. 95;
3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                Score 33; DB 2;
Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THE PRODUCTION OF CALENDIC ACID, AN UNUSUAL CONTAINING DELTA-8,10,12 CONJUGATED DOUBLE
                                                                                                                                                                                                                                                                                                                                                 Mismatches
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             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PIEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COTIZZI, Laura A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatibl
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEPAX: 212-869-9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,:
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1155 AV
CITY: New York,
STATE: NY
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Local Similarity 33.3%;
les 3; Conservative
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STRANDEDNESS: unknown
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                                                                                                                                                                                                                                CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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6506578
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NENTION: No. 6506578el Megakaryocytic Protein Tyrosine
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                                                                                                                                                                                                                                                                                                           Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         UMBER: US/08/426,509A
21-APR-1995
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                                                                                                                                                                                                                                                                                                                                                                Kinases
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Pred. No. 3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 536;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <u>,</u>
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Query Match
Best Local Similarity
Tatches 3; Conserva
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PCT-US95-05008-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LENGTH: 536
; TYPE: PRI
; ORGANISM: Gallus gallus
US-09-977-261-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/09977261
Patent No. 6908984
GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINCARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1259
CURRENT APPLICATION NUMBER: US/09/977,261
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 05/09/977,261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 12
SEQUENCE CHARACTERISTICS:
LENGTH: 536 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                      Sequence 12, Application PC/TUS9505008 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 08/232,545 PRIOR FILING DATE: 1994-04-22
                                                                                                                                                                                     APPLICANT:
                                               TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: unknown
MOLECULE TYPE: protein
                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                       APPLICANT:
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               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                          493 SLHDVMVQC 501
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E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                              Sugen, Inc.
515 Galveston Drive
Redwood City, California 94063-4720
United States of America
Wissenschaften E.V.
Hofgarten Str. 2
                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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33.3%;
                                                                  Novel Megakaryocytic Protein Tyrosine Kinases
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Pred. No. 3e+02;
6; Mismatches
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Pred. No. 3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 536;
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RESULT 37
US-08-159-339A-573
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 573,
Patent No. 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         query Match 67.3%;
Best Local Similarity 33.3%;
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Kubo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION UNMBER: PCT/U
PILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/
PILING DATE: 22-APR-1994
CLASSIFICATION:
           APPLICATION NUMBER: US/08/159,339;
FILING DATE: 29-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Ploor
                                                                                                  OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: Coruzzi, Laura A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                  STREET: Two but CITY: San Francisco
                                                                                                                                    COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                           COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: un
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: COTUZZI, Laura A.
NAME: COTUZZI, Laura A.
REGISTRATION NUMBER: 30,742
REGISTRATION NUMBER: 7683-074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            493 SLHDVMVQC 501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     73, Application US/08159339A 6037135
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Celis, Esteban
                                                                                                                                                                                                                                                                                                                                                                                                                             Grey, Howard M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (212)869-9741
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                                                                                                                                                        IBM Compatible
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07-AUG-1992
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                                                                                   US/08/159,339A
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; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-159-339A-573
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US-09-270-767-60201
US-09-270-767-60201
US-09-270-767-60201
JEQUEDOCE 60201, Application US/09270767

Patent No. 6703491
JEGENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
JEGENERAL OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 60201
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                                                                                                                                                                                                                             US-09-252-991A-29181
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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PILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
PILING DATE: 06-AUG-1993
ATTORNEY,AGENT INFORMATION:
NAME: Weber: Blien Lauver
REGISTRATION NUMBER: 32,762
REFERENCE,DOCKET NUMBER: 018623-005030US
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                   Sequence 29181, Application US/09252991A Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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75.0%;
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Pred. No. 1.8e+0
                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                      1.8e+02;
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; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29181
                                                                   NAME/KEY: misc feature
;
LOCATION: (B) LOCATION 1...305
;
SEQUENCE DESCRIPTION: SEQ ID NO: 5486;
US-09-107-532A-5486
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US-09-107-532A-5486
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Best Local Similarity 64...
Thes 5; Conservative
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Sequence 5486, Application US/09107532A

Patent No. 6583275

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
SEQ ID NO 29181
Query Match
Best Local Similarity
Matches 6; Conser
                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 5486:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A

FILING DATE: 30-Jun-1998

FILING DATE: 30-Jun-1998

PRIOR APPLICATION NUMBER: 60/085,598

FILING DATE: 14 May 1998

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILING DATE: July 2, 1997

ATTORNEY/AGENT IMPORMATION:

NAME: Ariniello, Pamela Deneke

REGISTRATION NUMBER: 40,489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
                                                                                                                                                                                                         MOLECULE TYPE: protein HYPOTHETICAL: YES ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 7310
                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    140 IHDFVNEC 147
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Waltham
STATE: Massachusetts
                                                                                                                                                                                                                                                                                            LENGTH: 305 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                        ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: GENOME THERAPEUTICS CORPORATION
                                                                                                                                                                                                                                                                        TOPOLOGY: linear
65.3%; Score 32; DB 2; I larity 100.0%; Pred. No. 2.6e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-07-27
S: 33142
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62.5%;
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Pred. No. 1.9e+02;
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                                           Length 305
      Indels
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APPLICANT: Sherman, D
APPLICANT: Mao, Y
APPLICANT: Mao, Y
APPLICANT: He, M
APPLICANT: Sheldon, P
APPLICANT: Sheldon, P
TITLE OF INVENTION: Mitomycin biosynthetic gene cluster
FILE REFERENCE: 600.456US1
CURRENT FILING DATE: 1999-03-12
CURRENT FILING DATE: 1999-03-12
EARLIER APPLICATION NUMBER: US 08/624,447
EARLIER APPLICATION NUMBER: PCT/US94/11279
EARLIER APPLICATION NUMBER: PCT/US94/11279
EARLIER FILING DATE: 1994-10-06
EARLIER FILING DATE: 1993-10-07
EARLIER FILING DATE: 1993-10-07
INMERE OF SEN IN MONE: 1993-10-07
RESULT 43
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US-09-266-965-112
                                                       문
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                                                                                                                                                                                                       US-09-248-796A-22434
                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT PELICATION NUMBER: US/09/248,796A
CURRENT PILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 22434
LENGTH: 343
TWORE: Nor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 22434, Application US/09248796A Patent No. 6747137
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 112
LENGTH: 343
                                                                                                                                Matches
                                                                                                                                               Query Match
Best Local
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Best Local
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                                                                                                                                                                                                                          ORGANISM: Candida albicans
                                                                                                                                                                                                                                             TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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                                                                                                                                                 Similarity
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                                                       DILLEC 127
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100.0%;
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                                                                                                                                               Score 32;
Pred. No.
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Pred. No. 2.9e+02;
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                                                                                                                                               DB 2; Le
2.9e+02;
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES REL

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12

FRIOR APPLICATION NUMBER: US 60/074,725

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NO 15186
                                                                                                                                                                                                                                                 RESULT 45
US-09-527-073-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-270-767-44745
                                                                                                                                         Sequence 2, Application US/09527073
Patent No. 6534313
GENERAL INFORMATION:
APPLICANT: Michael M. Neff
APPLICANT: Joanne Chory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 44745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 44745, Ap
Patent No. 6703491
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
TITLE OF INVENTION: GENETICALLY MODIFIED PLANTS HAVING TITLE OF INVENTION: MODIFIED BRASSINGSTEROID SIGNALIN FILE REFERENCE: SALKINS, 024A CURRENT APPLICATION NUMBER: US/09/527,073 CURRENT FILING DATE: 2000-03-16 PRIOR APPLICATION NUMBER: US 60/124570 PRIOR FILING DATE: 1999-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 512
TYPE: PRT
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 361
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Drosophila melanogaster FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 75.0
                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                   215 TLYDVVMNC 223
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                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                   65.3%;
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75.0%;
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Pred. No. 3.1e+02;
"" "" amatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 32; DB 2;
Pred. No. 4.5e+02;
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                                                                                                      SIGNALING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 512;
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; LENGTH: 520
; TYPB: PRT
; ORGANISM: Arabidopsis thaliana
US-09-527-073-2
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US-08-448-196A-9
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PRIOR FILING DATE: 1999-12-14
PRIOR APPLICATION NUMBER: US 60/172,832
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatable
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/448,196A
PILING DATE: 23-MAY-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BROAD JR., ROBERT L.
REGISTRATION NUMBER: 18,757
REFERENCE/DOCKET NUMBER: 3X/MFS-28402-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 205-544-0021
TELEPHONE: 205-544-0021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/08448196A Patent No. 5780594
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                                                                        Matches
                                                                                                          Query Match
                                                                                                                                                                                                                                                                     TELEFAX: 205-544-0258
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 590 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: CARTER
                                                                                                                                                             MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: CARTER, DANIEL C.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE PROTEIN
TITLE OF INVENTION: CONTAINING SPECIFIC BINDING
TITLE OF INVENTION: RELATED PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: MARSHALL SPACE FLIGHT CENTER CITY: HUNTSVILLE STATE: ALABAMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 55.0
                                                                                       Match 65.3%;
Local Similarity 44.4%;
                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: NASA
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 433
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                                    1 TIMDIILEC 9
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 TVHDVLHAC 441
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                                                                        Conservative
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                                                                        Mismatches
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Pred. No. 4.5e+02;
                                                                                         Score 32; DB 1;
Pred. No. 5.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 520;
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REGIONS OF SERUM ALBUMIN OR
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GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLO01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT EPILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-10-0

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

1 ENTERN 11498
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US-09-785-381-11
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; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-09-785-381-11
; Sequence 15476, Application US/09248796A
; Patent NO. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
                                                                                                                                                                                         밁
                                                                                                  RESULT 49
US-09-248-796A-15476
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US-09-949-016-11498
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APPLICANT: MADISON, LAIR
TITLE OF INVENTION: A MAMMALIAN PRESTIN
FILE REFERENCE: 0290-37U1
CURRENT APPLICATION NUMBER: US/09/785,381
CURRENT FILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: US 60/183,461
PRIOR FILING DATE: 2000-02-18
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: DALLOS,
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Sequence 10, Apr-
No. 6602992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11498, Application US/09949016 Patent No. 6812339
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                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 803
                                                                                                                                                                                                                                                            Local Similarity
les 4; Conserv
                                                                                                                                                                                       678 IHSLVLDC 685
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Similarity 50.0%;
4; Conservation
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Pred. No. 6.9e+02;
                                                                                                                                                                                                                                                                      Score 32; DB 2;
Pred. No. 7.1e+02;
3; Mismatches
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FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15476
LENGTH: 1060
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-15476
                                                                                         TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-787-547-102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             S
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US-08-787-547-102
Query Match 63.3%; Score 31; DB 1; Length 9; Best Local Similarity 100.0%; Pred. No. 4.6e+05; Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                         COUNTRY: US
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,547
FILING DATE: 22-JAN-1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/787,547
FILING DATE: 22-JAN-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: STILING DATE:
APPLICATION NUMBER: WINDOWNATION:
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 08191/003001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Heddey, Mary Lynne
APPLICANT: Curley, Joanne M.
APPLICANT: Langer, Robert S.
TITLE OF INVENTION: MICROPARTICLES FOR DELIVERY
TITLE OF INVENTION: OF NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 225 F
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Pred. No. 9.5e+02;
1; Mismatches 1
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    Gaps
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Db 4 TIHDII 9
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Search completed: May 5, 2006, 04:01:02 Job time: 24 secs

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Title:
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Sequence:
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  of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      protein search, using sw
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           length:
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49
1 TIHDIILEC 9
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Match
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Gapop 10.0 , Gapext 0.
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 654321
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Listing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Published Applications AA Main:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Simard, John J. L.

APPLICANT: Qiu, Zhiyong

APPLICANT: Qiu, Zhiyong

APPLICANT: Qiu, Zhiyong

TITLE OF INVENTION: TARGET-ASSOCIATED ANTIGITILE OF INVENTION: TARGET-ASSOCIATED ANTIGITILE OF INVENTION: TARGET-ASSOCIATED ANTIGITILE OF INVENTION INVEST: US/10/777,053

CURRENT FILLING DATE: 2004-02-10

PRIOR APPLICATION NUMBER: 10/292,413

PRIOR APPLICATION NUMBER: 60/336,968

PRIOR FILING DATE: 2001-11-07

PRIOR APPLICATION UNMERE: 60/336,968

PRIOR FILING DATE: 2001-11-07

INVEST: PRIOR APPLICATION OF SECULOUS: 979

SOFTWARE: PSECULO NOS: 979

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US-10-777-053-547
Sequence 547, Application US/10837217
Publication No. US2004020351A1
GENERAL INFORMATION:
APPLICANT: Simard, John J. L.
APPLICANT: Diamond, David C.
APPLICANT: Oix, Zhiyong
APPLICANT: Lei, Xiang-Dong
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Best Local
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o. US20040132088A1
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; TITLE OF INVENTION: EXPRESSION VECTORS ENCODING EPITOPES OF
; TITLE OF INVENTION: TARGET ASSOCIATED ANTIGENS AND METHODS FOR
; FILE REFERENCE: MANNK.022C2
; CURRENT APPLICATION NUMBER: US/10/837,217
; CURRENT FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: 10/292,413
; PRIOR FILING DATE: 2002-11-07
; PRIOR FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: 60/336,968
; PRIOR APPLICATION NUMBER: 60/336,968
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 979
; SOFTWARE: FRETSEQ for Windows Version 4.0
; SEQ ID NO 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-10-128-711-72
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; ORGANISM: Human Papillomavirus
US-10-837-217-547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 72, Application US/10128711 Publication No. US20030099634A1 GENERAL INFORMATION:
                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/197,484
FILING DATE: 16-FEB-1994
APPLICATION NUMBER: US 07/935,811
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: US 07/874,491
FILING DATE: 27-APR-1992
APPLICATION NUMBER: US 07/827,682
FILING DATE: 29-JAN-1992
APPLICATION NUMBER: US 07/749,568
FILING DATE: 26-AUG-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 467-9600
TELEFAX: (206) 623-6793
                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version

CURRENT APPLICATION DATA:
                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie
STREET: Steuart Street Tower, One Market
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: VITIELLO,
CHESTNUT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/10/128,711
FILING DATE: 22-Apr-2002
CLASSIFICATION: \U00c4Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TIHDIILEC
                                                           REGISTRATION NUMBER: 31,990 REFERENCE/DOCKET NUMBER: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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CELIS, Esteban
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Robert W.
Lessandro D.
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Pred. No.
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                                                             14137-26-4
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1.7e+06;
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INFORMATION FOR SEQ ID NO:

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Sequence 22, Application US/10476570

Publication No. US20040170644A1

Publication No. US20040170644A1

Publication No. US20040170644A1

Publication No. US20040170644A1

APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICA APPLICANT: BOURGAUT.-VILLADA, Isabelle APPLICANT: BOURGAUT.-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra APPLICANT: GUILLET, Jean-Gerard

ITTLE OF INVENTION: Mixture of peptides derived from E6 and/or E7

ITTLE OF INVENTION: papillomavirus proteins and uses thereof

FILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acids
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-128-711-72
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CURRENT APPLICATION NUMBER: US/10/133,210
CURRENT FILING DATE: 2002-04-26
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 280
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Best Local
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APPLICANT: Gulukota, Kamalakar
APPLICANT: Vaccaro, Dennis
APPLICANT: Weng, Zhiping
APPLICANT: Weng, Chao
TITLE OF INVENTION: METHODS FOR DESIGNING MOLECULAR CONJUGATES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: DeLisi,
APPLICANT: Berzofe
             CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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Similarity 100.0%;
9; Conservative 0
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FR 01 05980
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PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 15
TYPE: PRT
ROGANISM: artificial sequence
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                                                                                                                                              Sequence 53, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILERE, BETTAY' APPLICANT: BOURGAULT-VILLADA, Isabelle
          APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDI
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: MAXEURE OF Deptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 15
TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
FILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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Pred. No. 0.016;
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                                                                                                                    LA RECHERCHE MEDICALE
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FILE REFERENCE: 0508-1037-1
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOPTWARE: PATENTIN Ver. 3.2
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/10858384
Publication No. US20050033025A1
GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABE!
APPLICANT: GUILLET JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIBS, ESTELLE
APPLICANT: FERRIBS, ESTELLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
""" hes 9; Conserv
                                                                                                                                                            RESULT 9
US-10-476-570-9
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Sequence 9, Application US/10476570
Publication No. US20040170644A1
GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MALLERE, BEVINACH
APPLICANT: MALLERE, BEVINACH
APPLICANT: BOURGAULT-VILLADA, IBADElle
                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/PRO2/01533
PRIOR FILING DATE: 2002-05-03
PRIOR PPLICATION NUMBER: PR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of the Artificial Sequence: Peptide fragment
OTHER INFORMATION: for E6 of HPV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of the artificial sequence: peptide E6 15-44
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ORGANISM: artificial sequence
FEATURE:
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les 9; Conserv
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICA
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FRO2/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: PCT/FRO2/01533
PRIOR PRILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                        Best
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                                                                                               Matches
                                                                                                                                             Query Match
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Best Local
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TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01539
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-05-04
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SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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TYPE: PRT
ORGANISM: artificial sequence
PEATURE:
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                                                                                            Score 49; DB 4;
Pred. No. 0.039;
; Mismatches 0
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RESULT 11 US-10-177-390-6

Sequence 6, Application US/10177390 Publication No. US20030143743A1 GENERAL INFORMATION:

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TITLE OF INVENTION: METHOUS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR PILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 151
TYPE: PRI
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; Sequence 20, Application US/10484063
; Publication No. US20050048467A1
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US-10-484-063-27
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Sequence 27, Application US/10484063

Publication No. US20050048467A1

GENERAL INFORMATION:
APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: FORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: PER-CANCEROUS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PER-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REPERENCE: UTSC:560US
CURRENT FILING DATE: 2004-0.1-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
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Best Local Similarity
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
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APPLICANT: N.V. Antwerps Innovatiecentrum
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100.0%; Pred. No. 0.2;
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Publication No. U820050033025A1

Publication No. U820050033025A1

GENERAL INFORMATION:
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: GOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANÇCINE
APPLICANT: CONNAN, FRANÇCINE
APPLICANT: PERRIES, ESTELLE
APPLICANT: OP INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: 0508-1037-1
CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
DEDITOR NEW TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS AND TATTORS 
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Publication No. US20050100554A1
GENERAL INFORMATION:
APPLICANT: Cuthill, Scott;
APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Same
FILE REFERENCE: 21402-559
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NUMBER OF SEQ ID NOS: 198
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 16
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PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
                                                                                                                 CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Human Papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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ilarity 100.0%;
Conservative 0;
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FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 1.8
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
US-11-021-949-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 17
US-10-472-724-2
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; ORGANISM: Homo sapiens
US-10-367-057-16
                                         ; OTHER INFORMATION: Synthetic Construct US-10-472-724-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 16
US-11-021-949-13
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Query Match
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Best Local Similarity 100.0%;
Matches 9; Conservative 0
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Best Local Similarity
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                                                                                                                                                                      SEQ ID NO 2
                                                                                                                                                                                   APPLICANT: Cid-Arregui, Angel
APPLICANT: Zur Hausen, Harald
TITLE OF INVENTION: Modified HPV E6 and E7 genes and proteins useful for vaccination
FILE REFERENCE: 4121-154
CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR PILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
                                                                                                                             LENGTH: 17
TYPE: PRT
                                                                                 FEATURE:
                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29
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  Score 49;
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Length 171;
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APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BALLOUL, Jean-Marc
ITITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
ITITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
ITITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/11/072,288
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US/9/462,993
PRIOR FILING DATE: 1000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 23
                                                                      ORGANISM: Human papillomavirus type 16 US-09-367-309A-1
                                                                                                                                                                                                      APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLLAROS, JIM
ITITLE OF INVENTION: CHELATING IMMUNOSTIMULATING CON
FILE REFERENCE: 017227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCTAU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence:Derivated fro; OTHER INFORMATION: human papillomavirus, strain HPV-16, 86 protein ; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-11-072-288-1
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Matches
                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 1
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Query Match
Best Local Similarity
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                                                                                                                 LENGTH: 266
TYPE: PRT
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 243
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9; Conserv
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  100.0%;
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  Score 49;
Pred. No.
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                        Length 266;
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Matches

Conservative

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Mismatches

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Gaps

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APPLICANT: Datemans, Wilfried L.J.
APPLICANT: Gerard, Catherine Marie Ghislaine
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT APPLICATION NUMBER: US/09/581,976
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1998-12-18
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 273
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Publication No. US20020182221
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, T
APPLICANT: Delisse, Anne-Ma
APPLICANT: Gerard, Catherin
APPLICANT: Lombardo-Benchei
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                                            OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and E6 from Human papilloma virus type OTHER INFORMATION: 16)
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
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Matches 9; Conservative
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CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                           TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 273
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No. US20020182221A1
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100.0%; Pred. No. 0.38;
  100.0%;
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  Score 49;
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Best Local Similarity
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US-10-000-903-10
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; FEATURE:
; OTHER INFORMATION: Chimaeric protein (Clyt; OTHER INFORMATION: pneumoniae and E6 from ; OTHER INFORMATION: 16)
US-10-899-771-10
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
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LENGTH: 292
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PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
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CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
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APPLICANT: Lombardo-Benches
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/BP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
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PRIOR FILING DATE: 2000-06-20
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ORGANISM: Homo sapien
                                                                                                         LENGTH: 292
TYPE: PRT
ORGANISM: Artificial Sequence
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Gerard, Catherine Marie Ghislaine
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o. US20020182221A1
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                                                 (Clyta from Streptococcus from Human papilloma virus type
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APPLICANT: Gerard, Catherine Marie Ghislaine

APPLICANT: Gerard, Catherine Marie Ghislaine

ITILE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins

TILE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide

CURRENT APPLICATION NUMBER: US/10/899,771

CURRENT FILING DATE: 2004-07-27

PRIOR APPLICATION NUMBER: US/99/581,976

PRIOR FILING DATE: 2000-06-20

PRIOR FILING DATE: 2000-06-20

PRIOR FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: PCT/ED98/08563

PRIOR FILING DATE: 1998-12-18

PRIOR FILING DATE: 1998-12-24

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 371

TVDE: DET
; ORGANISM: Artificial Sequence; FEATURE; FEATURE; FEATURE; OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius; OTHER INFORMATION: influenzae B and E6E7 fusion from Human papilloma; OTHER INFORMATION: virus type 16)
US-10-899-771-6
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Benchekh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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; ORGANISM: Homo sapien
US-10-000-903-6
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Publication No. US20020182221A1
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Best Local (
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                                                                                                                                           TYPE: PRT
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Pred. No. 0.53;
D; Mismatches 0; Indels
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; ORGANISM: Homo sapien
US-10-000-903-14
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 14
                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 14
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Publication No. US20020182221A1
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Best Local Similarity
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APPLICANT: Dalemann, Wilfried L.J.
APPLICANT: Dalemann, Wilfried L.J.
APPLICANT: Dalemann, Wilfried Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleot
FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 1908-12-18
PRIOR FILING DATE: 1998-12-18
PRIOR PILING DATE: 1998-12-18
PRIOR PILING DATE: 1998-12-18
PRIOR FILING DATE: 1997-12-24
NUMBER: GE 97-12-24
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Best Local Similarity
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APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
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CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus
OTHER INFORMATION: pneumoniae and E6E7 fusion from Human papilloma
OTHER INFORMATION: virus type 16)
                                                                                                                                    ENGTH: 390
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Pred. No. 0.53;
Mismatches
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Sequence 10, Application US/10368046

Publication No. US20040063188A1

GENERAL INFORMATION:

APPLICANT: Robin A. Robinson

APPLICANT: Vittoria Cioce

TITLE OF INVENTION: Method for Isolation and Pur

TITLE OF INVENTION: Expressed Gene Products In

FILE REFERENCE: 44149-3US1

CURRENT APPLICATION NUMBER: US/10/368,046

CURRENT FILING DATE: 2003-02-15
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US-10-367-095-10
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US-10-368-046-10
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Publication No. US20030228696A1
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Best Local
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CURRENT APPLICATION NUMBER: US/10/367,095
CURRENT DATE: 2003-02-14
PRIOR APPLICATE: 2003-02-14
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
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PRIOR APPLICATION NUMBER: US 60/356,135
PRIOR FILING DATE: 2002-02-14
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,157
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PRIOR FILING DATE: 2002-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
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les 9; Conservative
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100.0%; Pred. No. 0.79;
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                                                                     In Vitro
                                                                                   Purification
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; ORGANISM: Artificial Sequence ; FEATURE: OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-367-367-10
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
                                                                                                      PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 536
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CURRENT APPLICATION NUMBER: US/10/367,367
CURRENT FILING DATE: 2003-02-15
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PRIOR FILING DATE: 2002-02-14
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APPLICATION NUMBER: US 60/356,123
FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,113
FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,154
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FILING DATE: 2002-02-14
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APPLICATION NUMBER: US 60/356,157
FILING DATE: 2002-02-14
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Pred. No. 0.79;
; Mismatches 0
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US-10-476-570-10
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CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,137
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
                                                          GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: POUVELLE-MORATILLE, Sandra
                                                                                                                                                                                                                             Sequence 10, Application US/10476570 Publication No. US20040170644A1
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PRIOR ETLING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,154
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or TITLE OF INVENTION: papillomavirus proteins and uses thereof
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TITLE OF INVENTION: Optimization of Gene
TITLE OF INVENTION: Chimeric Virus-Like
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                                                                                                                                                                                                                                                                                                                                                                                                                                   TIHDIILEC 9
                                                  GUILLET, Jean-Gerard
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milarity 100.0%;
Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 49; DB 5; Length 536; 100.0%; Pred. No. 0.79;
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Pred. No.
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Particles
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                                                                                                                                                      DE LA RECHERCHE MEDICALE
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US-10-476-570-24
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                                                                                                          Sequence 24, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 149433
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Best Local S
Matches 8
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APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 21
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Clone ID: PAT_MRT4530_49767C.1.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: artificial FEATURE:
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8; Conserv
COMMISSARIAT A L'ENERGIE ATOMIQUE INSTITUT NATIONAL DE LA SANTE ET MAILLERE, Bernard BOURGAULT-VILLADA, Isabelle POUVELLE-MORATILLE, Sandra GUILLET, Jean-Gerard
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                                                                                                                                                                                                                                                                                                                                  83.7%;
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100.0%; Pr
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Pred. No. 15;
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Pred. No.
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0.22;
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                                                                          DE LA RECHERCHE MEDICALE
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US-10-424-599-275411
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US-10-437-963-153797
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SEQ ID NO 24
Sequence 275411, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 153797
LENGTH: 150
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CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(5321)B CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
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                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: unsure
LOCATION: (1)..(150)
OTHER INFORMATION: unsure at all Xaa locations
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21 TVHDIVEEC 129
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                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                             81.6%;
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                                                                                                                                                                                                                                             Score 40; DB 4; Length 150; Pred. No. 11;
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Sequence 168507, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
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               Sequence 21847, Application US/10732923

Publication No. US20050108791A1

GENERAL INFORMATION:

APPLICANT: Edgerton, Michael D

TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES

FILE REPERBYCE: 38-15(52796)C

CURRENT APPLICATION NUMBER: US/10/732,923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Chow Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 16507
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CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 275411
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Best Local Similarity
Matches 5; Conserv
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TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223)8
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ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_90717C.1.pep
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_123177C.1.pep
                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: unsure
LOCATION: (1)..(298)
OTHER INFORMATION: u
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TYPE: PRT
ORGANISM: Glycine max
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5; Conserv
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62.5%;
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62.5%;
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Pred. No. 35;
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Pred. No.
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                                                                                                                                                                                                                                                                                                                    DB 4;
36;
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                                                                                                                                                                                                                                                                                                                                   Length 298;
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APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTMARE: FASTSEQ for Windows Version 4.0
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US-10-739-930-10846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; LENGTH: 158
; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 361, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 21847
LENGTH: 145
                                                                                                          NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 10846
LENGTH: 554
TYPE: PRT
                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                  Sequence 10846, Application US/10739930 Publication No. US20040216190A1
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Best Local (
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                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT FILE REFERENCE: 38 e-21 (5337) B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LU, PETER APPLICANT: GARMAN, CAPPLICANT: BELMARES,
               NAME/KEY: unsure
LOCATION: (1)..(554)
OTHER INFORMATION: unsure
                                                                                      ORGANISM: Triticum aestivum
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TIMDIILEC 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TDHEVILEC 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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66.7%;
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                 at
                 all Xaa locations
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Pred. No.
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Pred. No. 43;
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APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON N
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION UNMER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
INUMER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 33593
LENCTH: 70
                                                                                                                                                       APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and TITLE OF INVENTION: Plants
FILE REFERENCE: 38-2153222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 205547
LENGTH: 83
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US-10-425-115-205547
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 205547, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
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Best Local
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OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.59
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.79
OTHER INFORMATION: SWISSPROT HIT: Q92574, EVALUE 2.00e-30
                                NAME/KEY: unsure
LOCATION: (1)..(83)
OTHER INFORMATION: unsure at
                                                                                                    ORGANISM: Zea mays FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens FEATURE:
OTHER INFORMATION: Clone ID: MRT4577_119045C.1.pep
                                                                                                                                            TYPE: PRT
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Local Similarity 57.1%;
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62.5%;
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                                          all Xaa locations
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Pred. No. 1.7e+02;
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                                                                                                                                                                                                                                                                                                               and Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
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RESULT 43
US-10-425-115-194068
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US-11-021-949-31
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; OTHER INFORMATION: Clone ID: MRT4577_108570C.1.pep US-10-425-115-194068
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                                   ; LENGTH: 162
; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants FILE REFERENCE: 38-21(53222)B CURRENT APPLICATION NUMBER: US/10/425,115 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 369326 SEQ ID NO 194068
LENGTH: 117
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Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
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Best Local Similarity 55.6%;
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Query Match
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APPLICANT: BELMARES, MICHAEL P
APPLICANT: DIAZ-SARMIRNTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REPERRNCE: VITA-012
FILE REPERRNCE: VITA-012
                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
                                                                                                                                              NUMBER OF SEQ ID NOS: 361
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Similarity 75.0%;
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                                                                                                                           FastSEQ for Windows Version 4.0
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Cao, Yongwei
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   73.5%;
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     Score 36;
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   Length 162;
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; OTHER INFORMATION: Clone ID: MRT4577_90319C.1.pep
US-10-425-115-358720
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US-10-425-115-358720
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                                                 Query Match
Best Local Similarity
'---hes 6; Conserv
                                                                                                                                ; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_90322C.1.pep
US-10-425-115-358724
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SEQ ID NO 358724
LENGTH: 173
TYPE: PRT
ORGANISM: Zea mays
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SEQ ID NO 358720
LENGTH: 164
TYPE: PRT
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Best Local Similarity 75.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 358724, Application US/10425115 Publication No. US20040214272A1
                                                                                                                                                                                                                                                                APPLICANT: La ROSS, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21 (53322)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Zea mays
82
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75.0%;
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75.0%;
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Pred. No. 70;
2; Mismatches
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4; Mismatches
                                                                   Mismatches
                                                                                   Score 36;
Pred. No.
                                                                                   DB 4; Length 173; 75;
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RESULT 47

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APPLICANT: Cao, Vongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE REFERENCE: 38-21(53222)B
CURRENT FILING DATE: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 236213
LENGTH: 176
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                                                                      ; OTHER INFORMATION: Clone ID: MRT4577_147007C.1.pep
US-10-425-115-236213
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           Matches
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                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 1498
CURRENT APPLICATION NUMBER: US/10/947,979
CURRENT FILING DATE: 2004-09-23
PRIOR APPLICATION NUMBER: 60/505,948
PRIOR FILING DATE: 2004-09-25
NUMBER OF SEQ ID NOS: 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Simmons, Carl
APPLICANT: Yalpani, Nasser
TITLE OF INVENTION: Crop Plant Cystatin Proteinase
TITLE OF INVENTION: Inhibitors and Their Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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LOCATION: (100)...(108)
OTHER INFORMATION: Second hairpin loop domain
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NAME/KEY: DOMAIN
LOCATION: (77)...(87)
OTHER INFORMATION: First hairpin loop domain
                                                                                                    TYPE: PRT
ORGANISM: Zea mays
FEATURE:
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NAME/KEY: DOMAIN
LOCATION: (50)...(59)
OTHER INFORMATION: N-terminal alpha-1 helix domain
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TYPE: PRT
73.5%;
Local Similarity 75.0%;
hes 6; Conservative
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Lu, Guihua
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Sewalt, Vincent
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75.0%;
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        Score 36; DB 4; Length 176; Pred. No. 76; indels
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NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 56403
LENGTH: 211
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SEQ ID NO 10
LENGTH: 176
TYPE: PRT
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Publication No. US20040034888A1
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                                                APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 1498
CURRENT APPLICATION NUMBER: US/10/947,979
CURRENT FILING DATE: 2004-09-23
PRIOR APPLICATION NUMBER: 60/505,948
PRIOR FILING DATE: 2004-09-25
NUMBER OF SEQ ID NOS: 195
                                                                                                                                                                                                                 APPLICANT: Liu, Jingdong APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Simmons, Carl
APPLICANT: Yalpani, Nasser
TITLE OF INVENTION: Crop Plant Cystatin Proteinase
TITLE OF INVENTION: Inhibitors and Their Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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LOCATION: (103)...(111)
OTHER INFORMATION: Second hairpin loop
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LOCATION: (80)...(90)
OTHER INFORMATION: First hairpin loop domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: DOMAIN
LOCATION: (53)...(62)
OTHER INFORMATION: N-terminal alpha-1 helix domain
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Sewalt, Vincent
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Lu, Guihua
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No. US20050102717A1
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; TYPE: PRT; ORGANISM: Zea may8; PEATURE: FEATURE: COTHER INFORMATION: Clone ID: UC-ZMFLB73208D10_FLI.pep US-10-425-114-56403
Search completed: May 5, 2006, 08:17:54 Job time: 60.8 secs
                                                                                                                                                                Query Match 73.5%; Score 36; DB 4; Length 211; Best Local Similarity 75.0%; Pred. No. 93; Matches 6; Conservative 2; Mismatches 0; Indels
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120 TLHDLILE 127
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3: /SIDSS/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

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5: /SIDSS/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

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7: /SIDSS/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

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10: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*

11: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*

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15 US-10-530-253-1
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Sequence 53, Appl
Sequence 1144, Ap
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US-10-530-253-17
   Sequence 70, Appl Sequence 110, App Sequence 1140, App Sequence 1140, App Sequence 11609, App Sequence 16409, App Sequence 118, Appl Sequence 119, App Sequence 119, App Sequence 177, App Sequence 22, Appl Sequence 2708, App Sequence 708, App Sequence 708, App Sequence 708, App Sequence 21103, App Sequence 21103, App Sequence 210, Appl Sequence 210, Appl Sequence 210, Appl Sequence 210, Appl Sequence 210, Appl Sequence 21072, App Sequence 21072, App Sequence 21072, App Sequence 21072, App Sequence 21072, App Sequence 21072, App Sequence 2172, App Sequence 2185, App Sequence 2185, App Sequence 24057, App Sequence 24057, App Sequence 24056, App Sequence 24056, App Sequence 24056, App Sequence 24056, App Sequence 24056, App Sequence 24056, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27,
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Sequence 24717, Appl
Sequence 24717, A
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Sequence 24716, A
Sequence 21631, A
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Sequence 21630, A
Sequence 5204, Ap
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RESULT 2
US-11-206-138-3
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cassetti, Maria C.
APPLICANT: Gmith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOPTWARE: Patentin version 3.1
SEQ ID NO 13
Sequence 3, Application US/11206138 Publication No. US20060039919A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/10530253 Publication No. US20060014926A1 GENERAL INFORMATION:
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US-10-204-639-54

US-10-204-639-54

US-10-647-956A-2

US-11-124-367A-467

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1 US-11-124-367A-65

11 US-11-124-367A-65

11 US-11-087-099-9005

US-11-087-099-2220

US-11-095-561-53

US-11-098-686-11427

11 US-11-188-298-20809

US-11-198-686-11427

11 US-11-188-298-20809

US-11-124-367A-388

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18 US-11-124-367A-389
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 151;
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; LENGTH: 248
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-1
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-11-206-138-3
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Sequence 3, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2005-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
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APPLICANT: Cassetti, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Sugan P. McElhiney
APPLICANT: Sugan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-11-03
NUMBER OF SEQ ID NOS: 65
SOPTWARE: Patentin version 3.1
SEQ ID NO 1
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TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer
FILE REFERENCE: P7819/0613
CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3
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Best Local (
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Publication No. US20060014926A1
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9; Conserv
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-3
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Best Local Similarity
Grants 9; Conserv
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 248
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Publication No. US20060014926A1
GENERAL INFORMATION:
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APPLICANT: Jeffry K. Pullen
APPLICANT: Susan P. McGlhiney
APPLICANT: Susan P. McGlhiney
APPLICANT: Susan P. McGlhiney
EILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US/60/415,929
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NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.
                                                                      APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Sold the Fullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: WS 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
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               SOFTWARE: PatentIn version 3.1 EQ ID NO 7
                                                         NUMBER OF SEQ ID NOS: 65
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LENGTH: 248
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9; Conserv
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No. US20060014926A1
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Pred. No. 0.025;
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-7
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                                      ; ORGANISM: Human papillomavirus type US-10-530-253-11
                                                                                          SOPTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 248
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Publication No. US20060014926A1
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Best Local
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Best Local Similarity
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR PPLICATION NUMBER: US 60/415,929
PRIOR PPLICATION NUMBER: US 60/415,929
PRIOR PPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
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Query Match
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                                                                                                                                                                                                                           APPLICANT: Jeffrey K. Fullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
                                                                                                                                                                  PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
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APPLICANT: Smith, Larry
                                                                                                                                                        NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cassetti, Maria C.
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                                                                            TYPE: PRT
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    100.0%;
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    Score 49;
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    Length 248;
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CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
FRIOR APPLICATION NUMBER: CN 03115272.4
FRIOR FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR PILING DATE: 2003-01-30
1 PRIOR FILING DATE: 2003-01-30
1 NUMBER OF SEQ ID NOS: 45
1 SOPTWARE: PATENTIN VET: 3.3
1 SEQ ID NO 2
1 PRIOR FILING DATE: 256
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US-11-192-923A-2
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; ORGANISM: Human papillomavirus
US-11-192-923A-2
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                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 26
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Publication No. US20060018928A1
GENERAL INFORMATION:
APPLICANT: PANG, XIAOWU
TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
FILE REFERENCE: 116620-003
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                                                                           Matches
                                                                                                          Query Match
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Best Local
                                                                                                                                                                                                                                                                                                                APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhinny
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: DET/US30,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                         LENGTH: 158
TYPE: PRT
ORGANISM: Human papillomavirus type
                                                                                             Local
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                                                                                           Similarity
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ilarity 100.0%;
Conservative 0
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                                                                                           Score 36; DB 9; Pred. No. 5.9;
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Pred. No. 0.025;
Mismatches 0;
                                                                       Mismatches
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                                                                                                            Length 158;
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RESULT 12 US-11-172-740-1141

GENERAL INFORMATION:

Sequence 1141, Application US/11172740 Publication No. US20060057724A1

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US-11-172-740-1143
                                                                               Matches
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SEQ ID NO 1143
LENGTH: 202
                                                                                                                  Query Match
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LOCATION: (1):-(202)
OTHER INFORMATION: Public G
FEATURE:
NAME/KEY: misc_feature
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APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheslav
APPLICANT: BROVER, Vyacheslav
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR NITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
FILE REFERENCE: 2750-16029US2
CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2005-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
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OTHER INFORMATION: Utility: Useful for making plants with increased biomass
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OTHER INFORMATION: Utility: Useful for making lethal plants for
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OTHER INFORMATION: Utility: Useful for increasing chlorophyll and photosynthetic
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NAME/KEY: misc_feature
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42 VHDIFLDC
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Pred. No.
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US-11-172-740-1144
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PRIOR FILING DATE: 2004-06-30
NUMBER OF SEQ ID NOS: 2523
SEQ ID NO 1141
LENGTH: 298
TYPE-TRIP
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Best Local
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APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheslav
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND
TITLE OF INVENTION: PLANT CHARACTERISTICS AN
FILE REFERENCE: 2750-1602PUS2
                                                                                                                                                        APPLICANT: MASCIA, Peter
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NAME/KEY: misc_feature
LOCATION: (1)...(298)
OTHER INFORMATION: Ceres CL
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NAME/KEY: misc_feature
LOCATION:
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OTHER INFORMATION: Utility: Useful
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OTHER INFORMATION: Utility:
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NAME/KEY: misc_feature
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OTHER INFORMATION: Utility: Useful for making lethal plants for genetic confinement
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BROVER, Vyacheslav
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                                         POLYPEPTIDES
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OTHER INFORMATION: Utility: US-11-172-740-1144
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Best Local Similarity
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US-11-172-740-1142
                                     Sequence 1142, Application US/11172740
Publication No. US20060057724A1
GENERAL INFORMATION:
APPLICANT: MASCIA, Peter
APPLICANT: MACCIA, Peter
APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheslav
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES
TITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
FILE REFERENCE: 2750-162PUS2
CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2005-06-30
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PRIOR FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR FILING DATE: 2004-06-30
NUMBER OF SEQ ID NOS: 2523
SEQ ID NO 1144
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CURRENT FILING DATE: 2005-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR FILING DATE: 2004-06-30
         PRIOR APPLICATION NUMBER: 60/583,621 PRIOR FILING DATE: 2004-06-30
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NAME/KEY: misc_feature
LOCATION: (1)..(306)
OTHER INFORMATION: Pub
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OTHER INFORMATION: Utility:
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APPLICATION NUMBER: 60/584,829
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Pred. No.
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US-11-096-568A-6616
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                             US-11-096-568A-6616
                                                                                                                          TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT PELLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 6616
LENGTH: 174
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PRIOR FILING DATE: 2004-06-30
NUMBER OF SEQ ID NOS: 2523
SEQ ID NO 1142
LENGTH: 310
Query Match
                                                                                                                                                                                                                                                  Sequence 6616, Application US/11096568A Publication No. US20060048240A1 GENERAL IMPORMATION:
APPLICANT: Alexandrov, Nickolai et al.
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                                                                                    TYPE: PRT ORGANISM: Glycine max FEATURE:
                                         NAME/KEY: misc_feature
LOCATION: (1)..(174)
OTHER INFORMATION: Ceres
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OTHER INFORMATION: Utility:
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NAME/KEY: misc_feature
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OTHER INFORMATION: Utility:
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NAME/KEY: misc_feature
LOCATION: (1)..(310)
OTHER INFORMATION: Ceres
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Local Similarity 62.5%;
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Pred. No. 12;
Score 35;
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US-11-096-568A-6614
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; LOCATION: (1) ... (247)
; OTHER INFORMATION: Ceres Seq.
US-11-096-56BA-6615
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TITLE OF INVENTION: Gence and Uses for Ple
FILE REPERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 4165
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determine
TITLE OF INVENTION: Therby
                                                         Sequence 6614, Application US/11096568A Publication No. US20060048240A1
                                                                                                                                                                                                          Matches
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SEQ ID NO 6615
LENGTH: 247
TYPE: PRT
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Publication No. US20060041961A1
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
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TYPE: PRT
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127 VHDVTIEC
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Sequence-Determined Therby
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Pred. No. 13;
3; Mismatches
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3; Mismatches
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               Fragments
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               Polypeptides
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APPLICANT: Meyers, Blake
APPLICANT: Thorpe, Catherine
APPLICANT: Thorpe, Catherine
APPLICANT: Weng, Zude
APPLICANT: Weng, Zude
APPLICANT: Weng, Zude
APPLICANT: Weng, Zude
APPLICANT: Weng, Zude
FITTLE OF INVENTION: Nucleic Acid Fragments Encoding Proteins Involved in
TITLE OF INVENTION: Stress Response
FILE REFERENCE: BB1357 US NA
CURRENT APPLICATION NUMBER: US/11/031,206
CURRENT FILING DATE: 2005-01-07
PRIOR APPLICATION NUMBER: US/09/566,394
PRIOR FILING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: 60/133042
PRIOR FILING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-01
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US-11-031-206-106
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 6614
                                                                                                                                                            NUMBER OF SEQ ID NOS: 208
SOPTWARE: Microsoft Office 97
SEQ ID NO 106
LENGTH: 527
TYPE: PRT
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Publication No. US20060031959A1
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Best Local Similarity 50.0%;
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                                                       Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/133428
PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 1999-05-11
                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/137667
PRIOR FILING DATE: 1999-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rafalski, Antoni
APPLICANT: Miao, Guo-Hua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Glycine max
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(301)
OTHER INFORMATION: Ceres Seq. ID no. 14315990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                             FILING DATE: 1999-05-11
APPLICATION NUMBER: 60/133436
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181 VHDVTIEC 188
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1 TIHDIILE 8
                                    Similarity 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sakai, Hajime
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                                        Conservative
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                                                       71.4%;
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                                                         Score 35; DB
Pred. No. 33;
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Pred. No. 18;
                                          Mismatches
                                                                             DB 11; Length 527
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APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT PILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
NUMBER OF SEQ ID NOS: 2503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR PILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR PILING DATE: 2002-10-03
PRIOR PILING DATE: 2002-10-08
NUMBER: 05/0417,269
PRIOR FILING DATE: 2002-10-08
NUMBER: DATE: 2002-10-08
NUMBER: DATE: 2002-10-08
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US-10-530-061-53
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; TYPE: PRT
; ORGANISM: Human papillomavirus
US-10-530-061-53
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                                                                                                                        ; ORGANISM: Human papillomavirus US-10-530-061-114
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Best Local Similarity
7; Conserva
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                                                                                                                                                                    SOFTWARE: PatentIn version 3.3
SRO ID NO 114
LENGTH: 10
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.3 SEQ ID NO 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 114, Application US/10530061
Publication No. US20060079453A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                           Matches
                                                                                  Query Match
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                                                            Local Similarity
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379 TLHDIILQ 386
      2 IHDIILEC 9
                                           7; Conservative
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                                                              69.4%;
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                                             ; Score 34; DB
; Pred. No. 0.81
0; Mismatches
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Pred. No. 0.81;
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                                                                  . 81;
                                                                                      Length 10;
                                                 Indels
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                                                 Gaps
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Sequence 1673, Application US/10530061

Publication No. US20060079453A1

GENERAL INFORMATION:
APPLICANT: SIDNEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
ITILE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: ECT/US03/31308
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVED SERVE
RESULT 24
US-11-096-568A-24717
,/ Sequence 24717, Application US/11096568A
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US-10-530-061-1673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Human papillomavirus type US-10-530-253-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Human papillomavirus US-10-530-061-1673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 119
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 17, Application US/10530253 Publication No. US20060014926A1
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Swinn P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00650/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: BCT/US2003/031726
PRIOR APPLICATION NUMBER: US/60/415,929
PRIOR APPLICATION NUMBER: US/60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 65
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                                                                                                                                                                                                                                                                                                                              Local Similarity les 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                           69.4%;
66.7%;
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Pred. No. 14;
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GENERAL INFORMATION:

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA F
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 21632
LENGTH: 204
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; FEATURE:
; MAME/KEY: misc feature
; LOCATION: (1). (204)
; OTHER INFORMATION: Ceres Seq. ID no. 12405549
US-11-096-56BA-21632
                                                                                                                                                                                                                       RESULT 26
US-11-096-568A-24716
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GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides I
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT APPLICATION DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24717
                                                                                                                                      Sequence 24716, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24716
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 21632, Application US/11096568A Publication No. US20060048240A1
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                                   FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
                                                                                              TITLE OF INVENTION: Sequence-Determined TITLE OF INVENTION: Therby
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 153
TYPE: PRT
ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(153)
OTHER INFORMATION: Ceres Seq. ID no. 12450486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Zea mays subsp.
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les 5; Conservat
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                                                                                                                                                                                                                                                                                                                                                                                                         Score 34;
Pred. No.
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Pred. No. 14;
                                                                                                                       DNA Fragments and Corresponding Polypeptides I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA Fragments and Corresponding Polypeptides I
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; TYPE: PRT
; ORGANISM: Zea mays subsp. mays
; PRATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(210)
; OTHER INFORMATION: Ceres Seq. ID no. 12450485
US-11-096-568A-24716
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US-11-096-568A-5205
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                                                                   ; NAME/KEY: misc_feature
; LOCATION: (1)..(310)
; OTHER INFORMATION: Ceres Seq. ID no. 12405548
US-11-096-568A-21631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5205, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                  Sequence 21631, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 5205
LENGTH: 264
                                                                                                                                                                      SEQ ID NO 21631
LENGTH: 310
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
                                                                                                                                                                                                                 TITLE OF INVENTION: Sequence-Determined DNJ
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature LOCATION: (1)..(264)
OTHER INFORMATION: Ceres
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Glycine max
                                                                                                                                     ORGANISM: Zea mays subsp. FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          y Match 69.4%;
Local Similarity 57.1%;
y Match 69.4%;
Local Similarity 62.5%;
hes 5; Conservative
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5; Conserve
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   Score 34; DB Pred. No. 30; 2; Mismatches
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Pred. No. 25;
3; Mismatches
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Pred. No. 20;
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FEATURE:
RAME/KEY: misc_feature
LOCATION: (1)...(407)
OTHER INFORMATION: Ceres Seq. ID no. 14307433
US-11-096-568A-5204
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RESULT 31
US-11-096-568A-5203
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                                                                                                             Query Match
Best Local Similarity
----hes 5; Conserve
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides i TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT APPLICATION NUMBER: US/11/096,568A
UNDBER OF SEQ ID NOS: 34471
SEQ ID NO 21630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 21630, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORWATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 311
TYPE: PRT
ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(311)
OTHER INFORMATION: Ceres Seq. I.
                                                                                                                                                                                                                                                                                                                 SEQ ID NO 5204
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TITLE OF INVENTION: Sequence-Determined DNI
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
                                                                                                                                                                                                                                                                                 LENGTH: 407
TYPE: PRT
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                                                                169 TLHDMVLE 176
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                                                                                                                            Conservative
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                                                                                                                                            69.4%;
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Pred. No. 30;
2; Mismatches
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                                                                                                                                            Score 34;
Pred. No.
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                                                                                                                                 Mismatches
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GENERAL INFORMATION:

Sequence 5203, Application US/11096568A Publication No. US20060048240A1

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RESULT 33
US-11-264-096-110
US-11-264-096-110
; Sequence 110, Application US/11264096
; Publication No. US20060084794A1
; GENERAL IMPORMATION:
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NAME/KEY: misc_feature
LOCATION: (1). (433)
OTHER INFORMATION: Ceres Seq. ID no. 14307432
US-11-096-568A-5203
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PRIOR FILING DATE: 2004-03-10
NUMBER OF SEQ ID NOS: 364
SOFTWARE: FastSEQ for Windows Version 4.
SEQ ID NO 70
LENGTH: 1158
TYPE: PRT
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CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 5203
LENGTH: 433
TYPE: PRT
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 14184-030001
CURRENT APPLICATION NUMBER: US/10/858,730
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/475,000
PRIOR FILING DATE: 2003-05-30
PRIOR FILING DATE: 2003-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Trueheart, Joshua
APPLICANT: Walbridge, Michael J.
APPLICANT: YOTGGY, Peter S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMINO ACID
TITLE OF INVENTION: PRODUCTION
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                    ORGANISM: Thermobifida fusca
                                                                                                                                                                                                         Local Similarity hes 5; Conserv
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O'Toole, George
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llarity 62.5%;
Conservative
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71.4%;
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Pred. No. 1.2e+02;
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Pred. No. 43;
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-264-096-110
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FILE REFERENCE: PF546D1
CURRENT APPLICATION UMBER: US/11/264,096
CURRENT FILING DATE: 2005-11-02
PRIOR APPLICATION NUMBER: 09/833,245
PRIOR APPLICATION NUMBER: 60/229, 358
PRIOR APPLICATION NUMBER: 60/229, 358
PRIOR APPLICATION NUMBER: 60/229, 358
PRIOR APPLICATION NUMBER: 60/229, 358
PRIOR APPLICATION NUMBER: 60/226, 931
PRIOR FILING DATE: 2000-12-21
PRIOR FILING DATE: 2000-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 2523
SEQ ID NO 1140
LENGTH: 281
TYPE: PRT
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Best Local Similarity 71.4%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MASCIA, Peter
APPLICANT: MASCIA, Peter
APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheslav
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR N
TITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
TILE REPERENCE: 2750-1602PUSZ
CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
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NUMBER OF SEQ ID NOS: 2267
                                                                                                                                                                                                                                  LOCATION:
DOTHER INFORMATION: Utility: Useful FEATURE:
NAME/KEY: misc_feature
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PRIOR FILING DATE: 2000-04-25
                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Glycine max
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(281)
OTHER INFORMATION: Ceres CLONE ID no.
                                                                                                                                                                            LOCATION:
OTHER INFORMATION: Utility: Useful FEATURE:
                                                                                                                                             NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: Utility: Useful for making ornamental plants with modified leaves
                                                NAME/KEY: misc_feature
                                                                                                 LOCATION:
OTHER INFORMATION: Utility: Useful for making
                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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67 IHDVVLB 73
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Pred. No. 23;
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                                                                                                                                                                                                                                                                                                   increasing chlorophyll and photosynthetic
                                                                                                                                                                                                 making
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                                                                                                    ornamental plants with modified flowers
                                                                                                                                                                                                   lethal plants
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; OTHER INFORMATION: Utility: Useful for making smaller plants US-11-172-740-1140
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US-11-087-099-240
                                                                                                                                                                                                                                                                                                                                                 US-11-087-099-5110
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                        8
                                                                                                                      ; ORGANISM: Saccharomyces cerevisiae US-11-087-099-5110
                                                                                                                                                     SEQ ID NO 5110
LENGTH: 700
TYPE: PRT
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publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 240
LENGTH: 302
                                                                                                                                                                                                                                                 Sequence 5110, Application US/11087099
Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement FILE REFERENCE: 38-21(53450)B EP
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                                                                                        Query Match
                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 12464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE: PEATURE: NAME/KS: misc_feature LOCATION: OTHER INFORMATION: Utility: Useful for making plants with increased biomass OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION:
OTHER INFORMATION: Utility: Useful for making plants with altered leaf shape eg
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NAME/KEY: misc_feature
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                                                                          Match 67.3%;
Local Similarity 44.4%;
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                           1 TIMDIILEC 9
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3; Conserv
 TVYEFVLEC 49
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Pred. No.
                                                           Score 33; DB 11; Length 700; Pred. No. 1.1e+02; 4; Mismatches 1; Indels
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Pred. No. 46;
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Sequence 16409, Application US/11188298; Publication No. US20060075522A1; Publication No. US20060075522A1; GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.; APPLICANT: Abad, Mark S. et al.; FILE REFERENCE: 38-21(53452)B; CURRENT APPLICATION NUMBER: US/11/188,298; CURRENT FILING DATE: 2005-07-22; PRIOR APPLICATION NUMBER: 60/592,978; PRIOR FILING DATE: 2004-07-31; NUMBER: 07 SEQ ID NOS: 22569
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US-11-188-298-16409
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US-11-188-298-16409
                                                                                                                                                                                             US-11-188-298-646
Sequence 646, Application US/11188298
Sequence 646, Application US/11188298
Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: ADAM S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
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Publication No. US20060073161A1
GENERAL INFORMATION:
APPLICANT: GATY L. Breton
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRAC
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATHOO-03DIV2
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LENGTH: 340
TYPE: PRT
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Best Local Similarity
Matches 6; Conserv
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CURRENT FILING DATE: 2005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
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ORGANISM: B.fragilis
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nes 5; Conservative
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71.4%;
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100.0%; Pred. No.
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Pred. No. 1.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                             DB 11;
82;
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CURRENT APPLICATION NUMBER: US/10/505,928
CURRENT FILING DATE: 2004-08-27
PRIOR APPLICATION NUMBER: US 60/363,019
PRIOR FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 866
SOFTWARE: Patentin 3.2
SEQ ID NO 102
LENGTH: 780
TYPE: PRT
ORGANISM: Homo sapiens
US-10-505-928-102
                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 41
US-10-055-877-139
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Sequence 102, Application US/10505928
Fublication No. US20060088532A1
GENERAL INFORMATION:
APPLICANT: Ludwig Institute for Cancer Research et al.
TITLE OF INVENTION: LYMPHATIC ENDOTHELIAL GENES
FILE REFERENCE: 28967/39178
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TYPE: PRT
; ORGANISM: Burkholderia fungorum
US-11-188-298-646
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SEQ ID NO 646
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APPLICANT:
APPLICANT:
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Best Local Similarity
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APPLICANT: Padigaru, Muralidhara
APPLICANT: Miller, Charles
APPLICANT: Tcherney, Velizar
                                                                                 APPLICANT:
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Wolenc, Adam
Baumgartner, Jason
Shimkets, Richard
Gusev, Vladimir
                                                                                                              Guo, Xiaojia
Zerhusen, Bryan
Andrew, David
Mezes, Peter
                                                                                Patturajan, Meera
Burgess, Cahterine
                                                                                                                                                                                 Ratelli, Luca
Kekuda, Ramesh
                                                                                                                                                                                                                             Ballinger, Robert
Gerlach, Valerie
                                                                  Eisen, Andrew
                                                                                                                                                                                                               Spytek, Kimberly
                                                                                                                                                                                                                                                             Anderson, David
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71.4%;
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Pred. No. 2e+02;
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FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 5966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LENGTH: 1159
TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-055-877-139
                                                 US-10-467-657-5966
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Query Match
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APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Eliaabetta
APPLICANT: MONACI Eliaabetta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 512
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PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,598
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/263,799
PRIOR FILING DATE: 2001-01-24
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                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/275,927
PRIOR FILING DATE: 2001-03-14
                                                                    ORGANISM: Neisseria gonorrhoeae
                                                                                               TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OR APPLICATION NUMBER: 60/264,117
OR FILING DATE: 2001-01-25
OR APPLICATION NUMBER: 60/264,139
OR FILING DATE: 2001-01-25
OR APPLICATION NUMBER: 60/264,478
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: 60/263,351
OR APPLICATION NUMBER: 60/263,351
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63.3%; Score 31; DB 9;

Length 80;

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APPLICANT: SWARNAKAR, Anita; GORVAD, Ann B.;
APPLICANT: GRIFFIN, Jennifer A.; LINDQUIST, Erika A.;
APPLICANT: ELLIOTT, Vicki S.; ISON, Craig H.;
APPLICANT: RAMKUMAR, Jayalaxmi
TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
FILE REFERENCE: PF-1232 USN
CURRENT APPLICATION NUMBER: US/10/491,468
CURRENT FILING DATE: 2004-03-31
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: PCT/US02/32852
PRIOR APPLICATION NUMBER: US 60/328,944
PRIOR FILING DATE: 2001-10-12
PRIOR FILING DATE: 2001-10-26
PRIOR FILING DATE: 2001-10-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT ; ORGANISM: Human papillomavirus type 35 US-10-530-253-18
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Publication No. US20060014926A1
GENERAL INFORMATION:
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SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local
Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 22, Appropriate Publication No.
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
APPLICANT: Susan P. McElhiney
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CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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XU, Yuming; GIETZEN, Kimberly J.;
CHAWLA, Narinder K.; BAUGHN, Mariah R.;
MARQUIS, Joseph P.; BECHA, Shanya D.;
KABLE, Amy B.; LAL, Preeti G.;
RICHARDSON, Thomas W.; LEB, Soo Y.;
LEE, Ernestine A.; TRAN, BES,
LEE, Ernestine A.; TRAN, Song Aina M.;
GURURAJAN, Rajagopal; SPRAGUE, William W.;
BLAKE, Julie J.; THANGAVELU, Kavitha;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NCYTE CORPORATION; TANG, Y. Tom; FORSYTHE, Ian J.; EMERLING, Brooke M.;
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Sequence 177, Application US/10878556A

Publication No. US20050266399A1

GENERAL INFORMATION:
APPLICANT: Hoffmann La-Roche Inc.
TITLE OF INVENTION: HCV regulated protein expression FILE REFERENCE: 21762

CURRENT APPLICATION NUMBER: US/10/878,556A

CURRENT FILING DATE: 2004-06-28

NUMBER OF SEQ ID NOS: 199

SOFTWARE: Patentin version 3.1

SEQ ID NO 177
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; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: sw hum/pse3_human
; DATABASE ENTRY DATE: 2001-10-16
US-10-878-556A-177
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US-10-878-556A-177
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PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PERL Program
SEQ ID NO 22
                                                                                                Sequence 4430, Application US/11096568A
Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
                                                 NUMBER OF SEQ ID NOS:
SEQ ID NO 4430
LENGTH: 264
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Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
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OTHER INFORMATION: Incyte ID No: 5281724CD1
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                                    TYPE: PRT
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                  ORGANISM: Glycine max
FEATURE:
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Pred. No.
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Pred. No.
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Sequence 700, Application US/10505928

Publication No. US20060088532A1

GENERAL INFORMATION:
APPLICANT: Ludwig Institute for Cancer Research et al.
TITLE OF INVENTION: LYMPHATIC ENDOTHELIAL GENES
FILE REFERENCE: 28967/39178

CURRENT APPLICATION NUMBER: US/10/505,928

CURRENT FILING DATE: 2004-08-27

PRIOR APPLICATION NUMBER: US 60/363,019

PRIOR APPLICATION NUMBER: US 60/363,019

PRIOR FILING DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 866

SEQ ID NO 708

LENGTH: 275

TYPE: PRT
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US-10-505-928-708
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; LOCATION: (1)..(264)
; OTHER INFORMATION: Ceres Seq. ID no. 15219381
US-11-096-568A-4430
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24104
LENGTH: 267
                                                                          Matches
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Best Local (
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APPLICANT: Alexandrov, Nickolai et al.
                                                                                                                                               ORGANISM: Homo sapiens
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LOCATION: (1)..(267)
OTHER INFORMATION: Ceres Seq. ID no. 12418821
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Pred. No. 1e+02;
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Search completed: May Job time: 9.4 secs

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GENERAL INFORMATION:

APPLICANT: Ludwig Institute for Cancer Research et TITLE OF INVENTION: LYMPHATIC ENDOTHELIAL GENES FILE REFERENCE: 28967/39178

CURRENT APPLICATION NUMBER: US/10/505,928

CURRENT FILING DATE: 2004-08-27

PRIOR APPLICATION NUMBER: US 60/363,019

PRIOR APPLICATION NUMBER: US 60/363,019

PRIOR FILING DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 866

SOFTMARE: PATENETIN 3.2

SEQ ID NO 710
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US-10-505-928-710
                                                                                                                                                    US-10-493-909-64
                                                                                                                                                                                                                      APPLICANT: LARRICK, JAMES W.
APPLICANT: WYCOFF, KEITH L.
TITLE OF INVENTION: NOVEL IMMUNOADHESINS FOR TREATING AND PREVENTING TOXICITY
TITLE OF INVENTION: AND PATHOGEN-MEDIATED DISEASES
FILE REFERENCE: 41514-20004.01
CURRENT APPLICATION NUMBER: US/10/493,909
CURRENT FILING DATE: 2004-04-26
PRIOR APPLICATION NUMBER: PCT/US01/13932
PRIOR APPLICATION NUMBER: FCT/US01/13932
PRIOR APPLICATION NUMBER: 60/200,298
PRIOR FILING DATE: 2001-04-28
NUMBER OF SEQ ID NOS: 101
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 64
                                                  63.3%;
Best Local Similarity 57.1%;
Matches 4; Conservative
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Publication No. US20060015969A1
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Best Local
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TYPE: PRT
ORGANISM: Homo sapiens
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TYPE: PRT
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                                     3 HDIILEC 9
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b. US20060088532A1
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Pred. No. 1e+02;
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1146, Ag 110, Apg 10, Apg 19, Apg 6, App 6, App 8, App 8, App												Sequence 9, Appli Sequence 9, Appli										7, Appl	416	69	9	2, Appl	9597, A		9, Appl	7455, A	e e	Sequence 13930, A
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Gaps

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; Sequence 73, Application
; Patent No. 6037135
; GENERAL INFORMATION:
APPLICANT: Kubo, Re
APPLICANT: Grey, Ho
                                                                                                            ZIP: 3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/926,666
APPLICATION NUMBER: US 08/027,746
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REFERRICE/DOCKET NUMBER: 016623-005030US
INFORMATION FOR SEQ ID NO:
                     REFERENCE/DOCKET NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sette, Alessandro APPLICANT: Cells, Esteban TITLE OF INVENTION: HLA Bindi TITLE OF INVENTION: Uses NUMBER OF SEQUENCES: 1254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   San Francisco
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US-09-232-258-982
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US-09-270-767-3119
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5979, Ap
22839, Ap
22839, A
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    ; TOPOLOGY: unknown ; MOLECULE TYPE: peptide US-08-197-484-72
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Best Local Similarity 100.
Conservative
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APPLICATION NUMBER: US 07/935,811
APPLICATION NUMBER: US 07/935,811
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/874,491
FILING DATE: 27-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,682
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/827,682
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: US 07/749,568
FILING DATE: 26-AUG-1991
ATTORNERY/AGENT INFORMATION:
ANAMOR DESTRICTS
                                                                                                                                            TELEPHONE: (206) 467-96
TELEFAX: (206) 623-6793
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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TYPE: amino acid
STRANDEDNESS: single
TOPOLCOT: linear
MOLECULE TYPE: peptide
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/197,484
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
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                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 467-9600
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                                                           TYPE: amino STRANDEDNESS:
                                                                                                                                                                                                                              NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14137-26-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 16 CLASSIFICATION:
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ZIP: 94105-1493
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                                                                                                      ENGTH:
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                                                                                                      10 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16-FEB-1994
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RESULT 1 US-08-159-339A-73

COUNTRY:

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CURRENT APPLICATION NUMBER: US/09/601,729
CURRENT FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: PCT/FR99/00259
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 98 01439
PRIOR FILING DATE: 1998-02-06
NUMBER OF SEQ ID NOS: 281
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 273
LENGTH: 10
TYPE: PRT
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PCT-US95-02121-72
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Best Local S
Matches 9
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 72, Application PC/TUS9502121 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: THIAM, I
APPLICANT: AURIAUI
APPLICANT: GRAS-MI
APPLICANT: LOING,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LOING, ESTELLE
APPLICANT: VERWARENDE, CLAUDIE
APPLICANT: VERWARENDE, CLAUDIE
APPLICANT: GUILLET, JOHN GERARD
TITLE OP INVENTION: LIPOPEPTIDES CONTAINING AN INTERFERON FRAGMENT AND USES
TITLE OP INVENTION: THEREOF IN PHARMACEUTICAL COMPOSITIONS
FILE REFERENCE: USB-97-AU-IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                   TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: CTL IMMUNITY NUMBER OF SEQUENCES: 153

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,811
FILING DATE: 26-AUG-1992
                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 16-FEB-1994
                                                                                                                     APPLICATION NUMBER: PCT/US95/02121
FILING DATE: 16-FEB-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 IHDIILECV 9
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GRAS-MASSE, HELENE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 48; DB 2; Length 10; llarity 100.0%; Pred. No. 0.011; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                 COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY 153
                                                                                   US 08/197,484
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APPLICANT: CHOPPIN, JEANNINE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: PERRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
PILE REPERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT APPLICATION NUMBER: PCT/FR00/01513
PRIOR PILING DATE: 2000-05-31
PRIOR PILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                             ; LENGTH: 30
TYPB: PRT
; ORGANISM: Human Papillomavirus
US-09-980-523A-4
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                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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APPLICATION NUMBER: US 07/874,491
FILING DATE: 27-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,682
FILING DATE: 29-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/749,568
APPLICATION NUMBER: US 07/749,568
FILING DATE: 26-AUG-1991
ATTORNEY/ACENT INFORMATION:
                                                                         Matches
                                                                                                          Query Match
                                                                                            Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (206) 467-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 72
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino
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REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14137-26-4PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown
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16
                                    1 IHDIILECV 9
                                                                         Similarity 9; Conserv
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amino acid
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   INDITLECV 24
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                                                                           Conservative
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                                                                                          100.0%; Score 48; DB 2;
100.0%; Pred. No. 0.033;
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                                                                               Mismatches
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RESULT 6 US-09-390-027-6

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APPLICANT: TARTAGLIA, James
APPLICANT: MOINGEON, Phillipe
APPLICANT: ROVINSKI, Benjamin
APPLICANT: ROVINSKI, Benjamin
TITLE OF INVENTION: TREATMENT OF CERVICAL CANCER
FILE REPERENCE: 1038-982 MIS:jb
CURRENT FILING DATE: 1998-09-03
EARLIER APPLICATION NUMBER: 05/099,291
EARLIER APPLICATION NUMBER: 60/099,291
EARLIER FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 59
TYPE: PRT
ORGANISM: Artificial Sequence
PERTURE: THEORMATION: Description of Artificial Sequence
                                                                      RESULT 8
US-09-980-523A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN P300
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION
FILE REFERENCE: N73477C GCM
CURRENT APPLICATION UNMBER: US/09/701,080C
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR PILING DATE: 1998-05-26
PRIOR PILING DATE: 1998-01-05
PRIOR FILING DATE: 1999-01-05
NUMBER OF SEQ ID NOS: 36
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 18
LENGTH: 151
TYPE: DET
Sequence 2, Application US/09980523A Patent No. 6783763 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18, Application US/09701080C Patent No. 6864054
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APPLICANT: PERSSON, Roy
APPLICANT: YAO, Fei-Long
APPLICANT: CAO, Shi-Xian
APPLICANT: KLEIN, Michel H.
                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:Synthetic
                                                                                                                                                                        23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          51
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APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: GUILLET, JEAN-GERRARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
APPLICANT: PERRIES, ESTELLE
APPLICANT: PERRIES, ESTELLE
TITLE OF INVENTION: PROTEINS OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: WOB1 AO INS
CURRENT APPLICATION NUMBER: US/09/980,523A
CURRENT APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR PILING DATE: 1099-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver: 2.1
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; TYPE: PRT
; ORGANISM: Human Papillomavirus
US-09-980-523A-2
                                     FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jagtiani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNME-0001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453
TELEFAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acide
TYPE: amino acide
TYPE: amino acide
TYPE: amino acide
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APPLICANT: Parmenter,
TITLE OF INVENTION: M
TITLE OF INVENTION: D
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
                                                                                                                                                                                                                                                                                                                                                      ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
POPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Jagtiani & Associ
6126 Rocky Way Court
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 48; DB 2 ilarity 100.0%; Pred. No. 0.18; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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  not relevant
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                         not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Methods and a Diagnostic Aid for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cheryl A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Subset of HPV that is Associated with an
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; MOLECULE TYPE:
; HYPOTHETICAL:
US-08-316-239B-3
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US-08-860-165-14
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Patent No. 5679509

GENERAL INFORMATION:

APPLICANT: Wheeler, Cosette M.

APPLICANT: Parmenter, Cheryl A.

TITLE OF INVENTION: Methods and a Diagnostic Aid for

TITLE OF INVENTION: Distinguishing a Subset of HPV that is Associated with an

TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and

TITLE OF INVENTION: Cervical Cancer
Sequence 14, Application US/08860165A
Patent No. 6004557
GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                             Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (703) 803-9387 INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Jagtlani, Ajay A.
REGISTRATION NUMBER: 35,205
REFERENCE/DOCKET NUMBER: UNT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20120-3400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein HYPOTHETICAL: NO
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CITY: Centreville
                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
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9; Conserv
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6126 Rocky Way Court
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ilarity 100.0%;
Conservative 0
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NO
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Pred. No. 0.18;
Mismatches 0
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APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description US-08-860-165-14
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                                                                                                                       Query Match
Best Local Similarity
Thes 9; Conserve
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                                                                                                                                                                                                            , ORGANISM: Human papillomavirus type 16 US-09-359-382-14
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RESULT 13
US-08-117-083-10
                                                                                                                                                                                                                                                          SOFTWARE: Pater
SEQ ID NO 14
SEQ TH: 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/09359382
Patent No. 6306397
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Best Local :
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EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS FILE REFERENCE: 017227/0148
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                               TYPE: PRT
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100.0%; Pred. No. 0.19;
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Pred. No.
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Sequence 10, Application US/08117083 Patent No. 5719054

GENERAL INFORMATION:

APPLICANT:
APPLICANT:

Boursnell, Michael Inglis, Stephen C.

Munro,

Alan J

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APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC
TITLE OF INVENTION: BOLYPEPTIDE WITH MODIFIED CELL LOCATION
FILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/09/462,993
CURRENT FILING DATE: 2000-04-17
CURRENT FILING DATE: 2000-04-17
SEQ ID NO 1
LENGTH: 243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-58
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415,781-1989
                                    NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin V
                                                                       PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILING DATE: 1997-07-18
                                                                                                              PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human TITLE OF INVENTION: Papilloma Virus Proteins NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY:
LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: 1..182
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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                                        Ver.
                                                                                                      омыER: PCT/FR98/01576
1998-07-17
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the open reading frame."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-462-993-1
CURRENT APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER PILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
                                                                                                                                                                                                                                                                                                                                                                      Sequence 10, Appli
Patent No. 6306397
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: WEBB, Elizabeth Ann
APPLICANT: PRAZER, In.
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
FULL REFERENCE: 17227/130
FULL REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
RUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: FEATURE: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
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                                                                                                                                                                                                                                                                                                                                                                                        Application US/09359382
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Pred. No.
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               SOPTWARE: FASTSEQ for 1
SEQ ID NO 4
LENGTH: 273
TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 10
LENGTH: 266
TYPE: PRT
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SEQ ID NO 1
LENGTH: 266
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                                                                                                                                                                                                                                                    APPLICANT: Delisse,
APPLICANT: Gerard, C
APPLICANT: Lombardo-
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09485885
Patent No. 6342224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6428807
GENERAL INFORMATION:
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ORGANISM: Human papillomavirus type 16
-09-367-309A-1
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 -09-485-885-4
                                                                            PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR PILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOPTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILB REPERENCE: 017227/0149
                                                                                                                                                              PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-
                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/485,885
                                                                                                                                                                                                                                        FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                              APPLICANT: Bruck, Claudine APPLICANT: Cabezon Silva,
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les 9; Conserv
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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                                                                                                                                                                                                                                          B45107
                                                                                                                                                                  1998-08-17
                                                                                                                                                                                                                                                           Vaccine
                                                                                                                                                                                 PCT/EP98/05285
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Patent No. 6342224

GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Te
APPLICANT: Delisse, Anne-Mar
APPLICANT: Gerard, Catherine
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-485-885-10
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                                                                        US-09-485-885-6
                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Bruck, Cl
APPLICANT: Cabezon &
APPLICANT: Delisse,
APPLICANT: Gerard,
APPLICANT: Lombardo-
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US-09-485-885-6
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOPTWARE: FASTSEQ for Windows
SEQ ID NO 10
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Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 9; Conservative 0
                                                                                                                                       SOFTWARE:
SEQ ID NO 6
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FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
                                                                                                                                                                                        FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Vaccine
                                                                                      ORGANISM: Homo sapien
                                                                                                         TYPE: PRT
                                                                                                                         LENGTH: 371
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Local Similarity 100.0%;
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9; Conserva
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Dellsee, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
                                                                                                                                                           FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                              Bruck, Claudine
Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
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Pred. No.
 Score 48; DB 2; Length 371;
Pred. No. 0.42;
0; Mismatches 0; Indels
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Pred. No. 0.33;
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RESULT 22
US-07-909-122-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/07909122
Patent No. 5415995
GENERAL INFORMATION:
APPLICANT: SCHOOLNIK, GARY K.
APPLICANT: PALEESKY, JOSL M.
TITLE OF INVENTION: DIAGNOSTIC PEPTIDES OF HUMAN PAPILLOMA
TITLE OF INVENTION: VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 14
LENGTH: 390
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GENERAL INFORMATION:
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ORGANISM: Homo sapien
-09-485-885-14
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APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OP INVENTION: Vaccine
FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
COMPUTER: IBM PC compatible
COMPUTER: F10pp Compatible
COMPUTER: PATENT PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION US/07/909,122
FILING DATE: 19920706
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                   STREET: YOU CITY: Palo Alto CITY: Palo Alto CTATE: California
ATTORNEY/AGENT INFORMATION:
NAME: BENZ, WILLIAM H.
REGISTRATION NUMBER: 25,952
REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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9; Conser
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                        28600-20105.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2; Length 390;
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                                                                                                 ; MOLECULE TYPE: peptide US-08-363-586-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                            COMPUTER READALE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION UNMBER: US/08/363,586
FILING DATE: 23-DEC-1994
CLASSIFICATION NUMBER: US 07/909,296
APPLICATION NUMBER: US 07/909,296
APPLICATION NUMBER: US 07/909,296
APPLICATION NUMBER: BP 91111720.8
FILING DATE: 13-UTL-1991
APTORNEY/AGENT INFORMATION:
NAME: Wadler, Linda A.
REGISTRATION NUMBER: 33,218
REGISTRATION NUMBER: 02481-1195-00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08363586 Patent No. 5629161
                                   Query Match
Best Local Similarity
Matches 8; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                  TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Use of HPV-16 E6 and E7-Gene Derived TITLE OF INVENTION: Peptides for the Diagnostic Purpose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mueller, Martin APPLICANT: Gissmann, Lutz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 13-170. 706141
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les 8; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1300 1 30 CITY: Washington
                                                                                                                                 TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20005-3315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                 ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HDIILEC 8
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   IHDIILEC 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Dunner
1300 I Street, N.W.
                                 91.7%; So ilarity 100.0%; I Conservative 0;
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                                                     Score 44; DB 1; ; Pred. No. 0.18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 44;
Pred. No.
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                                      Mismatches
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0.084;
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                                                                      Length 30;
                                        Indels
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FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF ESQ ID NOS: 28208
SEQ ID NO 15013
ENOTH: 620
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Candida albicans
-09-248-796A-15013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
                                 CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
PILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
PILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
PILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REGISTRATION NUMBER: 32,762
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
PILLING DATE: 29-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICAN:
TITLE OF INVENTION: HLA DATITLE OF INVENTION: Uses
TITLE OF OFFICERS: 1254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #93 LHDIVLEC 500
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Similarity 75.0%;
6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                    ON NUMBER: 32,762
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Pred. No. 14;
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US-09-457-708-2
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; TYPE: PRT
; ORGANISM: Calendula officinalis
US-09-638-937-2
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US-09-638-937-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/638,937
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: BB-1371-P1
PRIOR FILING DATE: 1999-08-16
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Microsoft Office 97
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity luv.
Thes 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cahoon, Edgar B
APPLICANT: Hitz, William D
APPLICANT: Ripp, Kevin G
TITLE OF INVENTION: METHOD F
TITLE OF INVENTION: BONDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Kwłatko
APPLICANT: Sampson
APPLICANT: Povey,
APPLICANT: van Sle
APPLICANT: Halley,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 659351
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
Matches 5; Conserva
                                                                                                                                                                                                                                                                      Patent No. 6326483
                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                    APPLICANT: Povey, Sue APPLICANT: van Slegtenhorst, Marjon
APPLICANT: van Slegtenhorst, Marjon
APPLICANT: van Slegtenhorst, Marjon
APPLICANT: Halley, Dicky
APPLICANT: Halley, Dicky
APPLICANT: Halley, Dicky
APPLICANT: Halley, Dicky
TITLE OF INVENTION: Compositions and Methods Based U
TITLE OF INVENTION: Sclerosis-1 (TSC-1) Gene and Gene Product
NUMBER OF SEQUENCES: 28
CORRESPONDENCE: ADDRESS:
CORRESPONDENCE: ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 576-0300
TELEFAX: (415) 576-0300
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single TOPOLOGY: linear
CITY: Washington STATE: D.C. COUNTRY: U.S.
                                                        STREET:
                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                       2, Application US/09457708
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47 LHDIIVTCI 55
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                                                  E: Vinson & Elkins
1455 Pennsylvania /
                                                                                                                                                                                                                   Sampson, Julian R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                      Kwiatkowski, David J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                METHOD FOR THE PRODUCTION OF CALENDIC ACID, AN UNUSUAL FATTY ACID CONTAINING DELTA-8,10,12 CONJUGATED DOUBLE
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100.0%;
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55.6%;
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Pred. No.

 Mismatches

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Pred. No. 1.8;
                                                        Avenue, N.W
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ZIP: 20004-1008
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy

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US-09-950-046A-2
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GENERAL INFORMATION:
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Best Local Similarity 57.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPAX: (202) 639-6604
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Sanzo, Michael A.
REGISTRATION NUMBER: 36,912
REFERENCE/DOCKET NUMBER: BRI3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639-6585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: not rele
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
NAME: Sanzo, Michael A.
REGISTRATION NUMBER: 36,912
REFERENCE/DOCKET NUMBER: BRI331/42002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639-6585
                                                                                                     SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/950,046A
FILING DATE: 12-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kwiatkowski, David J.
Sampson, Julian R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Compositions and Methods Based Upon the Tuberous Sclerosis-1 (TSC-1) Gene and Gene Product
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            253 HDVVIEC 259
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                                                                                                                                                                                                                                                                                                                                                              CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.
                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Vinson & Elkins STREET: 1455 Pennsylvania Avenue, N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sampson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       not relevant
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ley, Dicky
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Pred. No. 2.2e+02;
3; Mismatches 0;
                                                                                                                                                                                                                   Version #1.30
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NUMBER OF SEQ ID NOS: 1143
SOFTWARE: PERL Program
SEQ ID NO 989
LENGTH: 1164
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                            US-09-107-532A-5595
                                                                                                                                                                                                                                                                                     RESULT 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-976-594-989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 989, Application US/09976594
Patent No. 6673549
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Furness, Michael
APPLICANT: Buchbinder, Jenny
TITLS OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
FILE REFERENCE: PA-0041 US
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1164 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. 6673549 4215034CD1
                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD/RO
COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: protein
                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL: NO
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                                          STATE: Massachusetts
COUNTRY: USA
ZIP: 02354
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                                                                                               CITY: Waltham
                                                                                                            STREET: 100 Beaver Street
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57.1%;
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57.1%;
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Pred. No.
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Pred. No. 2.2e+02;
3; Mismatches (
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                                                                                                                                                                         and David Bush
AND AMINO ACID SEQUENCES RELATING TO
FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
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SOFTWARE: ASCII CURRENT APPLICATION DATA:

OPERATING SYSTEM: <Unknown>

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Best Local Similarity
Thes 4; Conserve
RESULT 32
US-09-270-767-48825
; Sequence 48825, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
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US-09-270-767-33608
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                                                                                                                                                                                    Query Match
Best Local S
Matches 4
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Patent No. 6703491
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                        SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 33608
LENGTH: 111
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 5595:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                      ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
PILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...86
SEQUENCE DESCRIPTION: SEQ ID NO: 5595:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein HYPOTHETICAL: YES ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/107,532A FILING DATE: 30-Jun-1998 FRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                   33 LHDILIKC 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KBY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 86 amino acids
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                                                                                                                                                                                      Conservative
                                                                                                                                                                                                       50.0%;
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                                                                                                                                                                                                      Score 34;
Pred. No.
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                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                       DB 2;
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US-09-638-937-4
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US-09-489-039A-13381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Drosophila melanogaster US-09-270-767-48825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
APPLICANT: GAYY BRETON et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAB FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709-2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13381
LENGTH: 266
                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: Cahoon, Edgar B
APPLICANT: Hitz, William D
APPLICANT: Hitz, William D
APPLICANT: Ripp, Kevin G
TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF CALENDIC ACID, AN
TITLE OF INVENTION: FATTY ACID CONTAINING DELTA-8,10,12 CONJUGATED
TITLE OF INVENTION: BONDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      70.8%;
Best Local Similarity 57.1%;
Matches 4; Conservative
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Best Local Similarity 50.0%;
                                  SOFTWARE: Microsoft Office 97
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/09638937
Patent No. 6593514
                                                                                                  FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/638,937
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: BB-1371-P1
PRIOR FILING DATE: 1999-08-16
                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 111
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Klebsiella pneumoniae
LENGTH: 372
TYPE: PRT
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| 138 HDLVLDC 144
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Pred. No. 1.1e+02;
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Pred. No.
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ORGANISM: Calendula officinalis

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RESULT 36
US-09-252-991A-17124
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LOCATION: (B) LOCATION 1...426;
SEQUENCE DESCRIPTION: SEQ ID NO: 6713:
US-09-107-532A-6713
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US-09-107-532A-6713
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Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm
TITLE OF INVENTION: NUCLEIC ACID
ENTEROCOCCUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 6713:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/081571
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REGISTRATION NUMBER: GTC-012
TELECOMMUNICATION: (781)893-5007
                                                                                                                                                       ocal
                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein HYPOTHETICAL: YES ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                   225
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                                                                                                     1 IHDIILECV 9
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                                                                                                                                                       Similarity
                                                                   VYDLLVECV 233
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                                                                                                                                                                                                                                                                                            ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: PC
OPERATING SYSTEM: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 426 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: CD/ROM ISO9660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: GENOME THERAPEUTICS CORPORATION
                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                   70.8%;
44.4%;
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                                                                                                                                                       Score 34; DB 2;
Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 34; DB 2;
Pred. No. 1.6e+02
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                                                                                                                                       Mismatches
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AND AMINO ACID SEQUENCES RELATING TO
FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 2; Length 372;
                                                                                                                                                                       Length 426;
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US-09-252-991A-24727
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                                                                                                                                                                                                        US-09-107-532A-5486
                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-252-991A-24727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: AUGCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AUGCLEIC ACID AND AMINO ACID SEQUENCES
TILE REPERBORE: 107196.136

CURRENT PILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR RILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 24777
LENGTH: 298
                                                                             Sequence 5486, Application US/09107532A
Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm
TITLE OF INVENTION: NUCLEIC ACID (
ENTEROCOCCUS)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J.
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SEQ ID NO 17124
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PAtent No. 6551795
GENERAL INFORMATION:
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                         Best
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 956
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            70.8%;
Local Similarity 55.6%;
hes 5; Conservation
                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                          CORRESPONDENCE ADDRESS:
                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         744 VADLVLECV 752
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ADDRESSEE: GENOME THERAPEUTICS CORPORATION STREET: 100 Beaver Street
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Pred. No. 1.9e+02;
4; Mismatches 1
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Pred. No. 4.1e+02;
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                                                                                and David Bush
AND AMINO ACID SEQUENCES RELATING TO
FABCIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                            Length 295;
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660

STATE: Massachusetts COUNTRY: USA ZIP: 02354

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NAME/KEY: misc feature;
LOCATION: (B) LOCATION 1...305;
SEQUENCE DESCRIPTION: SEQ ID NO: 5486;
US-09-107-532A-5486
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Best Local Similarity 85.,
Thes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5568, Application US/09513999C Patent No. 6783961
                                                                                                                           NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 5568
LENGTH: 119
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins Patent No. 6783961
                                                                                                                                                                                                                                              FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/122,487 PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 5486:
SEQUENCE CHARACTERISTICS:
                                                                                                          TYPE: PRT
LOCATION: 39
OTHER INFORMATION: Xaa=Asn or Thr
                                                                   FEATURE:
                                                                                      ORGANISM: Homo sapiens
                                                 NAME/KEY: UNSURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
APPLICATION NUMBER: 1997
PILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Unn-1998
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein HYPOTHETICAL: YES ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 129 DILLECM 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 DIILECV 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 305 amino acids TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                68.8%;
85.7%;
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Pred. No. 2e+02;
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140 IHDFVNEC 147

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FILIAL OF THE PREFERENCE: 107196.136
FULRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
FRIOR APPLICATION NUMBER: US 60/074,788
FRIOR APPLICATION NUMBER: US 60/094,190
FRIOR APPLICATION NUMBER: US 60/094,190
FRIOR FILING DATE: 1998-07-27
FRIOR FILING DATE: 1998-07-27
FRIOR FILING DATE: 1998-07-27
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; LOCATION: 113
; OTHER INFORMATION: Xaa= *
US-09-513-999C-5568
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US-09-252-991A-29181
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US-09-270-767-60201
                                                                                                     US-09-252-991A-29181
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 60201
LENGTH: 217
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: MARC J. RUBENFIELD ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE REFERENCE: 107196.136
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SEQ ID NO 29181
LENGTH: 227
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                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 29181, Application US/09252991A Patent No. 6551795
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                                   Matches
                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Drosophila melanogaster FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
                                                                                                                      TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Xaa means any amino acid
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Local Similarity 62.5%;
Nes 5; Conservative
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Local Similarity 75.0%;
es 6; Conservativo
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1 IHDIILEC 8
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                                   Conservative
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pred. No. 2.2e+02;
0; Mismatches 2;
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Pred. No. 1.2e+02;
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                                                   Score 32; DB 2;
Pred. No. 2.3e+02;
                                     Mismatches
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                                                                      Length 227;
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RESULT 44
US-09-270-767-44745
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US-09-248-796A-22434
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; SEQ ID NO 8022
; LENGTH: 269
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-8022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-328-352-8022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION Weinstock et al
APPLICATI: Keith Weinstock et al
TITLE OP INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
TITLE OP INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR PILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 22434
LENGTH: 343
TYPER: DEST
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APPLICANT: Gary L. Betton et al.
APPLICANT: Gary L. Betton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 44745
LENGTH: 361
                                                                                                                                                                                                             Sequence 44745, Application US/09270767 Patent No. 6703491
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Patent No. 6562958
                                                                                                                                                                                         GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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ORGANISM: Candida albicans
-09-248-796A-22434
                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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                                                                                                                                                                                                                                                                                                                                                                                                                      h 66.7%; Score 32; DB 2; L Similarity 100.0%; Pred. No. 3.4e+02; 6; Conservative 0; Mismatches 0;
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nilarity 44.4%;
Conservative
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; Pred. No. 2.7e
4; Mismatches
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2.7e+02;
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; TYPE: PRT; ORGANISM: Drosophila melanogaster; FEATURE: OTHER INFORMATION: Xaa means any amino acid US-09-270-767-44745
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US-08-426-509A-12
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                                                  66.7%;
Best Local Similarity 37.5%;
Matches 3; Conservative
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Patent No. 6326469
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OPERATING SYSTEM: DOS
SOFTWARE: FABSESQ Version 2.0
SOFTWARE: APPLICATION DATA:
APPLICATION NUMBER: US/08/426,50
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/232,545
APPLICATION NUMBER: 08/232,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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APPLICANT: Ullric
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NAME: COTUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-0074-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPB: Diskette
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
TITLE OF INVENTION: TYROSINE KINASES
                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 212-790-9090 TELEPAX: 212-869-9741
                                                                                                                                          MOLECULE TYPE: No. 6326469e
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nes 6; Conserv
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                                                                                                                                                                                      TYPE: amino acid
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                                                                                                                                                                       STRANDEDNESS:
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494
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LHDVMVQC 501
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75.0%;
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                                                            Score 32; DB 2; Le
Pred. No. 5.4e+02;
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Pred. No. 3.6e+02
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RESULT 46 US-08-232-545-12

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SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
SEQ ID NO 12
STREETH: 536
TYPE: PRT
CORGANISM: Gallus gallus
US-09-977-261-12
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US-09-977-261-12
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TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1.ENIGTH: 536 amino acids
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: ULLRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
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                                                                                                       APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1259
CURRENT APPLICATION NUMBER: US/09/977,261
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 08/232,545
PRIOR PILING DATE: 1994-04-22
NUMBER: 09 SEQ ID NOS: 24
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CITY: New York
TTATE: New York
T S.A.
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APPLICANT: Gishizsky, Mikhail
APPLICANT: Sures, Irman G.
APPLICANT: Sures, Irman G.
APPLICANT: OP INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
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REGISTRATION NUMBER: 30,742
REFERENCE,DOCKET NUMBER: 76
TELECOMMUNICATION: 11FORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: un
TOPOLOGY: unknow
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Local Similarity 37.5%;
es 3; Conservative
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(212)869-9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unknown
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Pred. No. 5.4e+02;
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Best Local Similarity
Watches 3; Conserve
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RESULT 49
US-09-270-767-45410
; Sequence 45410, Application US/09270767
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                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 536 amino acids
                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: CONIZZÍ, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 760
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 22-APR-1994
                                                                                                                                                                                                            MOLECULE TYPE: protein
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STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                            TOPOLOGY: unknown
                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: unl
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1155 Avenue of the Americas
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Hofgarten Str. 2
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                                                                                                                                       Conservative
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                                                                                                                                       5; Mismatches
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Pred. No. 5.4e+02;
                                                                                                                                                     Score 32; DB 4;
Pred. No. 5.4e+02;
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APPLICANT: ROY, MAIGURET Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR APPLICATION NUMBER: US 60/146,222
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US-09-907-794A-339
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7366-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 45410
LENGTH: 584
TYPE: PRT
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APPLICANT: Ashkenazi
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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Similarity 55.6%;
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Botstein, David
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nicholas F.
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Query Match
Best Local Similarity
Watches 5; Conserve
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                                                                                                                                                  ; ORGANISM: Homo Sapien 
US-09-907-794A-339
                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 423
SEQ ID NO 339
LENGTH: 772
TYPE: PRT
                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28214
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447 DLLLECV 453
                                 3 DIILECV 9
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                                                                                           66.7%;
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Pred. No. 7.8e+02;
2; Mismatches (
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Search completed: May 5, 2006, 04:48:29 Job time : 22.7 secs

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Title:
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Maximum Match 100%
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   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

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6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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US-10-476-570-19
US-10-476-570-19
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US-10-909-309-11
US-10-909-903-10
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Sequence

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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/197,484
FILING DATE: 16-FEB-1994
APPLICATION NUMBER: US 07/935,811
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: US 07/874,491
FILING DATE: 27-APR-1992
APPLICATION NUMBER: US 07/827,682
FILING DATE: 29-JAN-1992
APPLICATION NUMBER: US 07/749,568
FILING DATE: 26-AUG-1991
                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0,

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: Steuart Street Tower, One Market Plaza
                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 153
                                                                                                                                                                                                                                                                                                         TITLE OF
                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/10/128,711 FILING DATE: 22-Apr-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                       ZIP:
                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
       NAME: Parmelee, Steven W. REGISTRATION NUMBER: 31,990
                                                                                                                                                                                                                                 COUNTRY: US
REFERENCE/DOCKET NUMBER: 14137-26-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                         INVENTION:
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US-10-147-487-146
US-10-147-497-146
US-10-147-499-146
US-10-147-498-146
US-10-147-514-146
US-10-147-524-146
US-10-152-379-146
US-10-152-394-146
US-10-152-344-146
US-10-152-34-146
US-10-152-34-146
US-10-153-34-146
US-10-154-34-146
US-10-157-778-146
US-10-147-534-146
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US-10-146-793-146
US-10-147-480-146
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CURENT FILING DATE: 2012-04-26

NUMBER OF SEQ ID NO 280

SEQ ID NO 280

LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10

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LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10

LENGTH: 10
Sequence 22, Application US/10476570

Publication No. US20040170644A1

GENERAL INFORMATION:

APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE

APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDIC:

APPLICANT: MAILLERE, Bernard

APPLICANT: MOURCAULT-VILLADA, Isabelle

APPLICANT: GUILLE MORATULLE, Sandra

APPLICANT: GUILLE, MORATULLE, Sandra

APPLICANT: GUILLE, Dean-Gerard

TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7

TITLE OF INVENTION: papillomavirus proteins and uses thereof

FILE REFERENCE: 45636-5071-US

CURRENT APPLICATION NUMBER: US/10/476,570

CURRENT FILING DATE: 2003-11-04
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TELEFAX: (206) 623-6793
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                    Local Similarity nes 9; Conserv
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Local Similarity 100.0%;
es 9; Conservation
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MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO:
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Pred. No. 0.034;
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US-10-476-570-10
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SEQ ID NO 22
LENGTH: 15
TYPE: PRT
                                                                                                             Sequence 10, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
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Publication No.
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TITLE OF INVENTION: Mixture of peptides derived from 86 and/or E7

TITLE OF INVENTION: papillomavirus proteins and uses thereof

FILE REFERENCE: 45636-5071-US

CURRENT APPLICATION NUMBER: US/10/476,570

CURRENT FILING DATE: 2003-11-04

PRIOR APPLICATION NUMBER: PCT/FR02/01533

PRIOR PILING DATE: 2002-05-03

PRIOR PILING DATE: 2002-05-04

PRIOR APPLICATION NUMBER: FR 01 05980

PRIOR FILING DATE: 2001-05-04

NUMBER: OF SEQ ID NOS: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard BOURGAULT-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard BOURGAULT-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra APPLICANT: GUILLET, Jean-Gerard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRATURE: OTHER INFORMATION: Description of the artificial sequence: peptide E6 24-38
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TYPE: PRT
ORGANISM: artificial sequence
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Similarity 100.0%;
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No. US20040170644A1
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Pred. No. 0.051;
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Pred. No. 0.051;
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APPLICANT: INSTITUT MATIONAL DE LA SANTE ET DE LA RECHERCHE MEDIC.
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURCAULT-VILLADA, Isabelle
APPLICANT: BOURCAULT-VILLADA, Isabelle
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: DETOF STELLOR DATE: 2003-01-04
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
                                                                                                                                                                                          PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 53
LENGTH: 30
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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SEQ ID NO 10
LENGTH: 21
TYPE: PRT
ORGANISM: artificial sequence
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Best Local
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 53, Appropriate Publication No.
                                                                           Matches
                                                                                            Query Match
Best Local Similarity
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TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: FR 01 05980 PRIOR FILING DATE: 2001-05-04 NUMBER OF SEQ ID NOS: 63
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Local Similarity 100.0%;
nes 9; Conservative 0
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IHDIILECV 24
                Application US/10476570
No. US20040170644A1
                                                                       100.0%;
nilarity 100.0%;
Conservative 0
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Pred. No. 0.073;
                                                                           Score 48; DB 4;
Pred. No. 0.11;
Mismatches 0
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RESULT 7 US-10-858-384-4

Sequence 4, Application US/10858384 Publication No. US20050033025A1 GENERAL INFORMATION:

JEANNINE

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APPLICANT: POUVELLE, MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
ITITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
ITITLE OF INVENTION: Moreover of peptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PGT/FR02/01533
PRIOR APPLICATION NUMBER: PGT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2002-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
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CURRENT FILING DATE: 2004-06-02
PRIOR PPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 4
LENGTH: 30
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Description of the Artificial Sequence: Peptide fragment; OTHER INFORMATION: for E6 of HPV US-10-858-384-4
RESULT 9
US-10-476-570-19
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Best Local (
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APPLICANT: GUILLET, JEAN-CERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: CONNAN, FRANCINE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
FILE REFERENCE: 0508-1037-1
FILE REFERENCE: 0508-1037-1
                                                                                                                                                            Matches
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUVELLE MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
                                                                                                                                                                                                                                                                               LENGTH: 32
TYPE: PRT
ORGANISM: artificial sequence
PEATURE:
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nilarity 100.0%;
Conservative 0
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llarity 100.0%;
Conservative 0
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Pred. No. 0.11;
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FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19
LENGTH: 33
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                                                                                                                      RESULT 11
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US-10-177-390-6
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiecentrum
APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Eucaryotic Cells with Linear
TITLE OF INVENTION: Polynucleotides by Electroporation
TITLE OF INVENTION: Polynucleotides by Electroporation
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Sequence 20, Application US/10484063
Publication No. US20050048467A1
GENERAL INFORMATION:
APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. SEQ ID NO 6
                                                                                                                                                                                                                                                                Best Local
Matches
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APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: papillomavirus proteins and uses thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 021505wo/JH/ml
CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                             LENGTH: 151
TYPE: PRT
ORGANISM: Human papillomavirus type 16
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ilarity 100.0%;
Conservative 0
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Pred. No.
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Pred. No. 0.56;
Nismatches
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CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR FILING DATE: 2001-07-20
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 151
TYPE: PRT
ORGANISM: Human papillomavirus type 16
US-10-484-063-27
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US-10-484-063-27
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TYPE: PRT
; ORGANISM: Human papillomavirus
US-10-484-063-20
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CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                              Sequence 2, Application US/10858384
Publication No. US20050033025A1
GENERAL INFORMATION:
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Publication No.
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, ISABELLE
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
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TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
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Pred. No. 0.56;
Mismatches
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APPLICANT: Cuthill, Scott;
APPLICANT: Jackson, Amanda;
APPLICANT: Jackson, Amanda;
APPLICANT: Lewin, David A.;
APPLICANT: Ooi, Chean Eng
TITLE OF INVENTION: Complexes and Methods of Using Sar
FILE REFERENCE: 21402-559
CURRENT APPLICATION NUMBER: US/10/367,057
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: 60/256,911
PRIOR FILING DATE: 2002-02-14
NUMBER OF SEQ ID NOS: 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Human Papillomavirus
US-10-858-384-2
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CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 2
                                                                               Sequence 13, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 16
LENGTH: 158
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Best Local
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             CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
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9; Conserv
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Pred. No. 0.59;
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Pred. No. 0.59;
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US-10-472-724-2
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                                                                                                                                                                                                                                                                                                                                                                                                                     US-11-072-288-1
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SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 1
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Publication No. US20040171806A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 9; Conservative 0
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                                  TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION PILE REFERENCE: 017753-122
CURRENT APPLICATION NUMBER: US/11/072,288
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US/09/462,993
PRIOR APPLICATION NUMBER: US/09/462,993
PRIOR FILING DATE: 2000-04-17
PRIOR PILING DATE: 2000-04-17
PRIOR APPLICATION NUMBER: PCT/FR98/01576
PRIOR PILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: FR 97/09152
PRIOR FILING DATE: 1997-07-18
NUMBER: OF SEQ ID NOS: 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
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TITLE OF INVENTION: Modified HPV E6 and E7 genes and proteins useful for vaccination
FILE REFERENCE: 4121-154
                                                                                                                                                                                                                                                                                         APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cid-Arregui, Angel APPLICANT: Zur Hausen, Haral
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Pred. No. 0.59;
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US-10-000-903-4
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                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/10000903
Publication No. US20020182221A1
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
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Publication No. US20020081329A1
GENERAL INFORMATION:
                                                          NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
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Best Local Similarity
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APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 0.17227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR PILING DATE: 1998-02-13
PRIOR PILING DATE: 1997-02-19
                                                                                                                     FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                      APPLICANT: Lombardo-Bencheikh, Angela TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 266
TYPE: PRT
ORGANISM: Human papillomavirus type 16
                     LENGTH: 273
TYPE: PRT
ORGANISM: Homo sapien
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Gerard, Catherine Marie Ghislaine
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Pred. No.
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                                                            APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Gerise, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR PPLICATION NUMBER: POT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR PILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1999-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-4
NUMBER OF SEO ID NOS: 28
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SEQ ID NO 10
LENGTH: 292
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/10000903 Publication No. US20020182221A1 GENERAL INFORMATION:
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Pusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REPERENCE: B45124
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TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius
OTHER INFORMATION: influenzae B and E6 from Human papilloma virus type
OTHER INFORMATION: 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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[larity 100.0%; Pred. No. 1;
Conservative 0; Mismatches
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Pred. No. 1;
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; ORGANISM: Homo sapien US-10-000-903-10
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US-10-000-903-6
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                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bruck, Cl
APPLICANT: Cabezon;
APPLICANT: Delisse,
APPLICANT: Gerard,
APPLICANT: Lombardo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10, Application US/10899771 Publication No. US20050031638A1 GENERAL INFORMATION:
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Publication No. US20020182221A1
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                      SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 6
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                          PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                          APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type OTHER INFORMATION: 16)
LENGTH: 371
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nes 9; Conserv
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9; Conserva
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ilarity 100.0%;
Conservative (
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Pred. No. 1.1;
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; TYPE: PRT
; ORGANISM: H
US-10-000-903-6
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US-10-899-771-6
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
PRIOR FILING DATE: 1997-12-24
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             CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
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Publication No.
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SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION
                                                                                                                                                                                                                                                                                    APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva,
APPLICANT: Delisse, Anne-N
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                  TITLE OF INVENTION: Vaccine FILE REFERENCE: B45107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                136 IHDIILECV 144
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                                                                                                                                                                                                                                           Cabezon Silva, Teresa
Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
Lombardo-Bencheikh, Angela
                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10000903
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US-10-899-771-14
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         FILE REFERENCE: 44149-1US1
CURRENT APPLICATION NUMBER: US/10/367,095
CURRENT FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR PPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR FILING DATE: 2002-02-14
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR APPLICATION NUMBER: US 60/356,157
PRIOR APPLICATION NUMBER: US 60/356,157
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                                                                                                                                                                                                                                                                                Sequence 10, Application US/10367095
Publication No. US20030228696A1
GENERAL INFORMATION:
APPLICANT: Robin A. Robinson
TITLE OF INVENTION: No. US200302286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14, Application US/10899771

Publication No. US20050031638A1

GENERAL INFORMATION:

APPLICANT: Dalemans, Wilfried L.J.

APPLICANT: Gerard, Catherine Marie Ghislaine

TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins

TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
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PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 2000-06-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/EP98/08563 PRIOR FILING DATE: 1998-12-18
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TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus OTHER INFORMATION: pneumoniae and E6E7 fusion from Human papilloma OTHER INFORMATION: virus type 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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2002-02-14
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Pred. No.
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; OTHER INFORMATION: HPV-16 L2/E6 fusion protein US-10-368-046-10
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PRIOR FILING DATE: 2002-02-14
PRIOR ADDITION NUMBER: US 60/356,119
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SOFTWARE: FastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2003-02-15
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                                    TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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OR APPLICATION NUMBER: US 60/356,113
OR FILING DATE: 2002-02-14
OR APPLICATION NUMBER: US 60/356,154
OR FILING DATE: 2002-02-14
OR APPLICATION NUMBER: US 60/356,135
OR APPLICATION NUMBER: US 60/356,135
OR FILING DATE: 2002-02-14
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APPLICATION NUMBER: US 60/356,123
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9; Conserv
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US-10-918-337-10
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                                                                     CURRENT APPLICATION NUMBER: US/10/918,337
CURRENT FILING DATE: 2004-08-13
PRIOR APPLICATION NUMBER: PCT/US03/04473
PRIOR FILING DATE: 2003-02-14
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,161
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR PILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR APPLICATION NUMBER: US 60/356,118
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Best Local
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APPLICANT: NOVAVAX,
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PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
                                                                                                                                                                                                                                                 APPLICANT: NOVAVAX, INC., et al.
TITLE OF INVENTION: Optimization of Gene
TITLE OF INVENTION: Chimeric Virus-Like
FILE REFERENCE: 19065/2132
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,133
PRIOR FILING DATE: 2002-02-14
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FEATURE:
OTHER INFORMATION: HPV-16 L2/E6 fusion protein
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                                    FILING DATE: 2002-02-14
APPLICATION NUMBER: US 60/356,133
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APPLICATION NUMBER: US 60/356,156
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NUMBER: US 60/356,157
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Particles
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RESULT 32
US-10-837-217-547
US-10-837-217-547; Sequence 547, Application US/10837217; Publication No. US20040203051A1; GENERAL INFORMATION:
APPLICANT: Simard, John J. L.; APPLICANT: Diamond, David C.; APPLICANT: Qiu, Zhiyong
                                                                                                                                                                                                                           밁
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                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT ; ORGANISM: Human Papillomavirus 16 US-10-777-053-547
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US-10-777-053-547
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PRIOR APPLICATION NUMBER: US 60/356,156

PRIOR PILING DATE: 2002-02-14

PRIOR APPLICATION NUMBER: US 60/356,123

PRIOR PILING DATE: 2002-02-14

PRIOR APPLICATION NUMBER: US 60/356,113

PRIOR APPLICATION NUMBER: US 60/356,154

PRIOR APPLICATION NUMBER: US 60/356,154

PRIOR FILING DATE: 2002-02-14

PRIOR FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Simard, Jo
APPLICANT: Diamond, I
APPLICANT: Qiu, Zhiy
APPLICANT: Lei, Xian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 547, Appublication No.
                                                                                                                                                                                                                                                                                                           Matches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                 Query Match
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PRIOR APPLICATION NUMBER: 10/292,413
PRIOR FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 979
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Qiu, Zhiyong
APPLICANT: Lei, Xiang-Dong
TITLE OF INVENTION: EXPRESSION VECTORS ENCODING
TITLE OF INVENTION: TARGET-ASSOCIATED ANTIGENS
FILE REFERENCE: MANK.022C1
CURRENT PEPLICATION NUMBER: US/10/777,053
CURRENT FILING DATE: 2004-02-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 13
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PEATURE: OTHER INFORMATION: HPV-16 L2/E6 fusion protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 536
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
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                                                                                                                                                                                                                                                                                                       Similarity
8; Conserva
Diamond, Davi
Qiu, Zhiyong
Lei, Xiang-Do
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o. US20040132088A1
                                                                                                                                                                                                                                                                                                       91.7%; Score 44; DB 4; L
ilarity 100.0%; Pred. No. 1.7e+06;
Conservative 0; Mismatches 0;
Xiang-Dong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         John J. L.
d, David C.
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                                                                                                                                                                                                                                                                                                                                                 Length 9;
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APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICI
APPLICANT: MAILLERE, Bernard
APPLICANT: BOURGAULT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: Mixture of peptides and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR PILING DATE: 2003-05-03
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US-10-476-570-24
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                                                                                                               US-10-424-599-275411
                                                                                                                                   RESULT 34
                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: Description of the artificial sequence: US-10-476-570-24
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 547
LENGTH: 9
                                                       Sequence 275411, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
Matches 8; Conserv
                                                                                                                                                                                                                                                                      Matches
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Best Local
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TITLE OF INVENTION: TARGET-ASSOCIATED ANTIGENS AND METHODS FOR THEIR DESIGN
FILE REFERENCE: MANNK.022C2
CURRENT APPLICATION NUMBER: US/10/837,217
CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION NUMBER: 10/292,413
PRIOR FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/336,968
PRIOR FILING DATE: 2001-11-07
NUMBER: OF SEQ. ID NOS: 979
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
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100.0%; Pr
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100.0%;
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pred. No.
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                                                                                                                                                                                                                                                                                          DB 4;
0.28;
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Sequence 19, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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US-10-424-599-168507
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US-11-021-949-19
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; LENGTH: 297
; TYPE; PRT
; ORGANISM: Glycine max
; FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 168507, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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SEQ ID NO 168507
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Mole
TITLE OF INVENTION: Plants and Uses Ther
FILE REPERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53223)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV TITLE OF INVENTION: AND METHODS OF THEIR USE FILE REFERENCE: VITA-012
                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: unsure
LOCATION: (1)..(298)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Glycine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 298
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Local Similarity 62.5%;
les 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity hes 5; Conserv
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                                                             SCHWEIZER, JOHANNES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cao Yongwei
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62.5%;
                                                                                  CHAMORRO SOMOZA
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                          Score 39;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Acid Molecules and Other Molecules Associated With Uses Thereof for Plant Improvement
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-19
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US-10-425-115-193535
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                                                                                                                                                                                                                                                              US-10-739-930-10846
                                            Sequence 10846, Application US/10739930

Publication No. US20040216190A1

GENERAL INFORMATION:
APPLICANT: KOVALIC, David K.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21(53377)B

CURRENT FILING DATE: 2003-12-18

NUMBER OF SEQ ID NOS: 11088

SEQ ID NO 10846
                                                                                                                                                                                                                                                                                                                                                                                                                Best Loc
Matches
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SEQ ID NO 193535
LENGTH: 428
TYPE: PRT
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(428)
OTHER INFORMATION: un
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Clone ID: MRT4577_108088C.1.pep
ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Zea mays
                                 ENGTH: 554
                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity nes 6; Conserv
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les 7; Conserv
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77.8%;
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75.0%;
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Pred. No. 39;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 38; DB 4; Length 428; Pred. No. 1.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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RESULT 40
US-10-424-599-219049
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US-10-437-963-195430
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US-10-437-963-195430
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TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53223)B
CURRENT EPILICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 219049
                                                                                                                                                                                                               Sequence 219049, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 195430, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
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Best Local :
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APPLICANT:
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
                                                                                                                                      APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
                                                                                                                                                                             APPLICANT: La Rosa Thomas J APPLICANT: Kovalic David K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: unsure
LOCATION: (1)..(601)
OTHER INFORMATION: u
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LOCATION: (1)..(554)
OTHER INFORMATION: unsure
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Oryza sativa FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Clone ID: TRIAE-23APR03-C7327_1.p
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Local Similarity 62.5%;
hes 5; Conservative
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5; Conserva
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Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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55.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 37; DB 4; Length 60:
Pred. No. 2.6e+02;
2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 601;
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Sequence 33593, Application US/10029386

Publication No. US20030194704A1

GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
ITILE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
INVENER: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 33593
LENGTH: 70
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US-10-425-115-205547
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Matches
                                                                          NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 205547
                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                    APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plante
FILE REFERENCE: 38-21(53222)B
                                  LENGTH: 83
TYPE: PRT
                                                                                                              CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: MAP TO CHR9.1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.59
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.79
OTHER INFORMATION: SWISSPROT HIT: Q92574, EVALUE 2.00e-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Glycine
FEATURE:
ORGANISM: Zea mays FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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les 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                            16 HDVVIEC 22
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57.1%;
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 Mismatches

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Pred. No. 42;
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NAME/KEY: unsure

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Sequence 58813, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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SOFTWARE: PASTSEQ for Windows Version 4.0; SEQ ID NO 361
LENGTH: 158
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
US-11-021-949-361
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US-10-425-114-58813
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Best Local Similarity
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                                                                                               SEQ ID NO 58813
LENGTH: 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: LU PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: GARMANS, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REPERENCE: VITA-012
OTHER INFORMATION: Clone ID: 700085996_FLI.pep
-10-425-114-58813
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/532,373 PRIOR FILING DATE: 2003-12-23
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CURRENT FILING DATE: 2004-12-23
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OTHER INFORMATION:
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                                       ORGANISM: Zea mays FEATURE:
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6; Conserva
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75.0%;
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 Mismatches

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Pred. No. 50;
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APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Title OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53313)B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT PILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 65774

LENGTH: 274
                                                                                                                APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

SEQ ID NO 145297

LENGTH: 291

TYPP: 1-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: 700464936_FLI.pep
US-10-425-114-65774
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US-10-437-963-145297
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                                                ; OTHER INFORMATION: Clone ID: PAT_MRT4530_4602C.1.pep
US-10-437-963-145297
                                                                                                                                                                                                                                                                                                                                                                          Sequence 145297, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 75.0%;
Best Local Similarity 62.5%;
Matches 5; Conservative
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Best Local Similarity
Best Local Similarity
                  Query Match
                                                                                      TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      114 VHDIFLDC 121
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Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 36; DB 4; Length 274; Pred. No. 1.7e+02;
 Score 36; DB 4; Length 291; Pred. No. 1.8e+02;
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APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)8
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
INUMBER OF SEQ ID NOS: 73128
SEQ ID NO 52907
LENGTH: 294
TYPE: PRT
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Publication No. US20040034888A1
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LENGTH: 294
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Best Local (
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Best Local S
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                                                                                                                                          OTHER INFORMATION: Clone ID: LIB3061-015-E4_FLI.pep -10-425-114-52907
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APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
PILE REFERENCE: 38-21 (53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
RUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Glycine max
FEATURE:
                                                                                                                                                                           ORGANISM: Zea mays
                                                                 Local Similarity
les 5; Conserv
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 134 VHDÍFLDC 141
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                                   1 IHDIILEC 8
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ilarity 55.6%;
Conservative
                                                                   75.0%;
ilarity 62.5%;
Conservative
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                                                                   Score 36; DB 4;
Pred. No. 1.9e+02;
2; Mismatches 1
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3; Mismatches
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                                                                                                      DB 4; Length 294;
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Sequence 3691, Application US/10767701

Publication No. US20040172684A1

GENERAL INFORMATION:

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement

FILE REFERENCE: 38-21(53535)B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT FILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128

SEQ ID NO 36891

LENGTH: 297

TYPE: PRT

ORGANISM: Sorghum bicolor
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Search completed: May 5,
Job time : 60 Becs
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US-10-425-115-345578
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US-10-767-701-36891
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APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
TITLE REFERENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
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Best Local Similarity
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NAME/KP: unsure
LOCATION: (1)...(304)
OTHER INFORMATION: unsure at all Xaa locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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5; Conserv
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62.5%;
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Pred. No. 1.9e+02;
2; Mismatches 1
                                                                                                                                                                                                                                   Score 36; DB 4;
Pred. No. 1.9e+02;
2; Mismatches 1
                                                                                                                                                                                                                                                                                        Length 304;
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Minimum
Maximum
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Maximum Match 100%
Listing first 1000
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Perfect score:
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   20065
21166
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21088
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seg length:
   protein search, using sw
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1: /SIDSS/ptodata/1/pubpaa/USO8 NEW_PUB.pep1:*

2: /SIDSS/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

3: /SIDSS/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

4: /SIDSS/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

5: /SIDSS/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

6: /SIDSS/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

7: /SIDSS/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

8: /SIDSS/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

9: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*

10: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*

11: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*

12: /SIDSS/ptodata/1/pubpaa/USIO_NEW_PUB.pep:*
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Match
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Gapop 10.0 , Gapext 0.
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  IHDIILECV 9
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Copyright (c) 1993 - 2006 Biocceleration Ltd
   5, 2006, 08:19:00 ; Search time 8.4 Seconds
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49.591 Million cell updates/sec
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  DB
   US-10-530-253-13
1. US-11-206-138-3
1. US-10-530-253-1
US-10-530-253-5
1. US-10-530-253-7
1. US-10-530-253-7
1. US-10-530-253-9
1. US-11-192-923A-2
1. US-11-192-923A-2
1. US-11-172-740-1143
1. US-11-172-740-1144
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GENERAL INFORMATION:

APPLICANT: CASSETLI, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Smith, Larry

APPLICANT: Susan P. McSlhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 00630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530,253

CURRENT APPLICATION NUMBER: PCT/US2003/031726

PRIOR APPLICATION NUMBER: PCT/US2003/031726

PRIOR APPLICATION NUMBER: US 60/415,929

PRIOR APPLICATION NUMBER: US 60/415,929

PRIOR APPLICATION NUMBER: US 60/415,929

PRIOR APPLICATION NUMBER: US 60/415,929

PRIOR APPLICATION ONUMBER: US 60/415,929

PRIOR FILING DATE: 2002-10-03

JUMBER OF SEQ ID NOS: 65

SOFTWARE: PatentIn version 3.1

SEQ ID NO 13

LENGTH: 151

TYPE: PRT

ORGANISM: Human papillomavirus type 16
RESULT 2
US-11-206-138-3
is Sequence 3, Application US/11206138
; Publication No. US20060039919A1
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US-10-530-253-13
; Sequence 13, Application US/10530253
; Publication No. US20060014926A1
; GENERAL INFORMATION:
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                                                                                                                         Query Match
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US-10-877-346-43

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US-10-505-928-310
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US-11-087-099-4569

US-11-188-298-3947

US-11-188-298-20530

US-11-301-554-330

US-11-301-574-386

US-11-124-367A-386

US-11-124-367A-386
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US-11-055-035-1
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Sequence 377, Appl
Sequence 3478, Ap
Sequence 460, App
Sequence 7, Appli
Sequence 11233, Ap
Sequence 9347, Ap
Sequence 20530, A
Sequence 330, App
Sequence 380, App
Sequence 380, App
Sequence 388, App
Sequence 386, App
Sequence 387, App
Sequence 387, App
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Sequence 13, Appl
Sequence 43, Appl
Sequence 250, App
Sequence 250, App
Sequence 37513, A
Sequence 8, Appli
Sequence 467, App
Sequence 27512, A
Sequence 27511, A
Sequence 27511, A
Sequence 465, App
Sequence 465, App
Sequence 1, Appli
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Sequence 3, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhinen
APPLICANT: Susan P. McElhinen
APPLICANT: INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
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APPLICANT: HealthBanks Biotech CO. LTD.
APPLICANT: HealthBanks Biotech Co. LTD.
TITLE OF INVENTION: Fusion protein for inhibiting cervoal cancer
FILE REFERENCE: P7819/0613
CURRENT APPLICATION NUMBER: US/11/206,138
CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3
LENGTH: 158
LENGTH: 158
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SEQ ID NO 1
LENGTH: 248
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Publication No. US20060014926A1
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR PILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
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; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-3
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US-10-530-253-7
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TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-5
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Publication No. US20060014926A1
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APPLICANT: Susan P. McElhiney
TITLE ON THE TOWN HUMAN PAPPLY
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APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                               APPLICANT: Jeffrey K. Fullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
CURRENT FILING DATE: 2005-04-04
                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                      PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1
LENGTH: 248
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Pred. No. 0.046;
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Query Match
Best Local Similarity
Thes 9; Conserve
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                                    ORGANISM: Human papillomavirus type 16
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US-10-530-253-11
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PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 248
                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 248
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/10530253
Publication No. US20060014926A1
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 11, Application US/10530253 Publication No. US20060014926A1
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                                                                                                                                                    APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Someth, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR PILING DATE: 2003-10-03
NUMBER: OF SEQ ID NOS: 65
NUMBER: OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TITLE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILLING DATE: 2005-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Human papillomavirus type 16
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                                                                            TYPE: PRT
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100.0%; Pred. No. 0.046;
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Pred. No. 0.046;
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Length 248;
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Query Match

100.0%;

Score 48;

멂 9

100.0%;

Pred. No. 0.046;

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CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
PRIOR APPLICATION NUMBER: CN 03115272.4
PRIOR FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
SOPTWARE: Patentin Ver. 3.3
SEQ ID NO 2
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US-10-530-061-53
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                                                                                                                                ; TYPE: PRT
; ORGANISM: Human papillomavirus
US-10-530-061-53
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; TYPE: PRT
; ORGANISM: Human papillomavirus
US-11-192-923A-2
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Matches
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                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PatentIn version 3.3
SEQ ID NO 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 53, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                               Query Match
Best Local Similarity
                                                                Matches
                                                                                                                                                                                                                                                                                                                                               APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: PANG, XIAOWU
TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SIDNEY, JOHN
APPLICANT: SOUTHWOOD, (
APPLICANT: SETTE, ALES)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 116620-003
                                                                                                                                                                                 ENGTH: 10
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9; Conserv
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Similarity 100.0%;
9; Conservative 0
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                   | |||||BCV 9
 ITDIILECV 9
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                                                                  Conservative
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                                                                                 Score 38; DB 9
Pred. No. 0.16;
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Pred. No. 0.048;
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GENERAL INFORMATION:

APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheelav
ITITLE OF INVENTION: NUCLEGTIDE SEQUENCES AND POLYPEPTIDES ENCY
ITITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
FILE REFERENCE: 2750-1602PUS2
CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2005-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
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PRIOR FILING DATE: 2004-06-30
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CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: ECT/US03/31308
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR PILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
SOFTWARE: Patentin version 3.3
SOFTWARE: Patentin version 3.3
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US-10-530-061-114
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Best Local Similarity
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Publication No. US20060079453A1
GENERAL INFORMATION:
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APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
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LOCATION: (1)..(202)
OTHER INFORMATION: Public
                                                                                         LOCATION: TOTAL Utility: Useful for increasing chlorophyll and photosynthetic cap FEATURE:
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OTHER INFORMATION: Utility: Useful for making lethal plants for genetic confinement
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NAME/KEY: misc_feature
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                                                       NAME/KEY: misc_feature
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Pred. No. 0.16;
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Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 1141
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR FILING DATE: 2004-06-30
NUMBER OF SEQ ID NOS: 2523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 2750-1602PUS2
CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2005-06-30
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PRIOR APPLICATION NUMBER: 60/584,829
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TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR
TITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MASCIA, Peter APPLICANT: ALEXANDROV, I
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OTHER INFORMATION: Utility:
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OTHER INFORMATION: Utility:
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NAME/KEY: misc_feature
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OTHER_INFORMATION: Utility:
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NAME/KEY: misc_feature
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LOCATION: (1)...(298)
OTHER INFORMATION: Ceres CLONE ID no.
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ORGANISM: Triticum aestivum
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                                                                    NAME/KEY: misc_feature
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                                    for making
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                                                                                                                                                                                   increasing chlorophyll and photosynthetic
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RESULT 14
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Best Local Similarity
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OTHER INFORMATION: Utility: Useful for making FEATURE:
FEATURE:
NAMS/KEY: misc_feature
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OTHER INFORMATION: Utility:
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OTHER INFORMATION: Utility:
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                                      138 VHDIFLDC 145
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62.5%;
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13;
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NUMBER OF SEQ
SEQ ID NO 1144
LENGTH: 306
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                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/584,800 PRIOR FILING DATE: 2004-06-30
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PRIOR FILING DATE: 2004-06-30
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CURRENT FILING DATE: 2005-06-30
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                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/583,621
NAME/KEY: misc feature LOCATION: (1)...(306)
OTHER INFORMATION: Public
                                                                                              ORGANISM: Zea mays
                                                                                                                   TYPE: PRI
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LOCATION:
OTHER INFORMATION: Utility:

Useful for increasing chlorophyll and photosynthetic

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NAME/KEY: misc_feature

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no.

56783703

FEATURE

OTHER INFORMATION: Utility: NAME/KEY: misc_feature

Useful

for

making lethal plants

for genetic

confinement

FEATURE:

NAME/KEY: misc_feature

OTHER INFORMATION: Utility: NAME/KEY: misc_feature

Useful

for making ornamental

plants with

modified

flowe

FEATURE

NAME/KEY: misc_feature

OTHER INFORMATION: Utility:

Useful

for making ornamental

plants with modified leave:

OTHER INFORMATION: Utility: Useful for making plants with altered leaf shape eg

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PRIOR FILING DATE: 2004-66-30
NUMBER OF SEQ ID NOS: 2523
SEQ ID NO 1142
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CURRENT APPLICATION NUMBER: US/11/172,740
CURRENT FILING DATE: 2005-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
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APPLICANT: ALEXANDROV, Nickolai
APPLICANT: BROVER, Vyacheslav
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES
TITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
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NAME/KEY: misc_feature
LOCATION:
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OTHER INFORMATION: Utility:
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LOCATION: (1)..(310)
OTHER INFORMATION: Cer
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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FEATURE:
NAME/KEY: misc_feature
                                     OTHER INFORMATION: Utility:
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                                                                                                            with
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                                        increased biomass
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APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA I
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 6616
LENGTH: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Watches 5; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: ; COTHER INFORMATION: Utility: Useful for making smaller plants US-11-172-740-1142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              밁
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US-11-096-568A-6616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Human papillomavirus type US-10-530-253-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 16
US-10-530-253-26
                                                               US-11-096-568A-6616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 26
LENGTH: 158
TYPE: PRT
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Best Local S
Matches 4
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                                                                                                                                                                                                                                                                                                                                              Sequence 6616, Application US/11096568A Publication No. US20060048240A1
                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILE REFERENCE: 00630/L00M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: DCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 65
                                                                              NAME/KEY: misc_feature
LOCATION: (1)..(174)
OTHER INFORMATION: Ceres Seq.
                                                                                                                              TYPE: PRT
ORGANISM: Glycine max
FEATURE:
Local Similarity
tes 4; Conserv
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Pred. No.
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Pred. No. 13;
               Score 35; DB 11; Length 174; Pred. No. 12;
                                                                                 ID no. 14315992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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; TYPE: PRT
; ORGANISM: Triticum aestivum
US-11-087-099-4165
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US-11-087-099-4165
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US-11-096-568A-6615
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SEQ ID NO 4165
LENGTH: 220
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APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILS REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6615, Application US/11096568A publication No. US20060048240A1 GENERAL INFORMATION: APPLICANT: Alexandrov, Nickolai et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4165, Application US/11087099
Publication No. US20060041961A1
                                                                                     Sequence 6614, Application US/11096568A Publication NO. US20060048240A1 GENERAL INFORMATION: APPLICANT: Alexandrov, Nickolai et al.
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SEQ ID NO 6615
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Best Local (
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                                TITLE OF INVENTION: Sequence Determined DNA Fragments TITLE OF INVENTION: Therby FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A CURRENT FILING DATE: 2005-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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Local Similarity 57.1%;
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127 VHDVTIEC 134
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                                                                                                                                                                                                                                                                                                                       Similarity
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                                                                                                                                                                                                                                                                                                                       Score 35;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                             no.
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17;
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                                                                        and Corresponding Polypeptides
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PEATURE:
NAME/KEY: misc feature
LOCATION: (1) ... (301)
OTHER INFORMATION: Ceres Seq.
US-11-096-568A-6614
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US-11-087-099-12277
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밁
                                                                                                             ; ORGANISM: Thermoplasma acidophilum US-11-087-099-12277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450) B EP
CURRENT PLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 10727
                                                                                                                                       APPLICANT: Abad, Mark S. et al.

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: Genes and Uses for Plant Improvement File Reference: 38-21(53450) B EP CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 12277

LENGTH: 336

TYPE: PRT
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SEQ ID NO 6614
LENGTH: 301
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Publication No. US20060041961A1
GENERAL INFORMATION:
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Publication No. US20060041961A1
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Best Local Similarity
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Best Local
                                                      Matches
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                                                                      Best
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 335
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les 6; Conserva
                                                                   Match 72.9%;
Local Similarity 85.7%;
                                                                                                                                                                                                                                                                                                                                                                               230 DIVLECV 236
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230
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                        3 DIILECV 9
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DIVLECV 236
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85.7%;
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                                                                      Score 35;
Pred. No.
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                                                        Mismatches
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23;
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US-10-858-730-70

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PRIOR APPLICATION NUMBER: 2004-06-01
PRIOR PILING DATE: 2004-06-01
PRIOR FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US 60/475,000
PRIOR APPLICATION NUMBER: US 60/551,860
PRIOR FILING DATE: 2004-03-10
NUMBER OF SEQ ID NOS: 364
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 70
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                                                                                                                                                                                                      SEQ ID NO 18
LENGTH: 149
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Best Local Similarity
                                                                                          Query Match
Best Local (
                                                                                                                                                ORGANISM: Human papillomavirus type -10-530-253-18
                                                                                                                                                                                                                                                        APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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Publication No. US20060014926A1
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APPLICANT: Blomquist, Paul
APPLICANT: Doten, Reed
APPLICANT: Driggers, Edward |
APPLICANT: Madden, Kevin T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SENERAL INFORMATION
                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
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CURRENT APPLICATION NUMBER: US/10/858,730
CURRENT FILING DATE: 2004-06-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Yorgey, Peter S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMINO ACID
TITLE OF INVENTION: PRODUCTION
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TYPE: PRT
ORGANISM: Thermobifida fusca
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 23
                                    1 IHDIILECV 9
                                                                       6; Conserv
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 IHEICLNCV 31
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O'Toole, George
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Trueheart, Joshua
Walbridge, Michael J.
                                                                           Conservative
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                                                                                          70.8%;
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Pred. No. 81;
                                                                                            Score 34;
Pred. No.
                                                                           Mismatches
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15;
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                                                                                                            Length 149;
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RESULT 27
US-11-096-568A-24716
; Sequence 24716, Application US/11096568A
; Publication No. US20060048240A1
; Publication No. US20060048240A1
; GENERAL INFORMATION:
; APPLICANT: Alexandrov, Nickolai et al.
; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
; TITLE OF INVENTION: Therby
; FILE REFERENCE: 2750-1592PUS2
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US-11-096-568A-24717
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Publication No. US20060048240A1
GENERAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 21632
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CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24717
LENGTH: 153
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APPLICANT: Alexandrov, Nickolai et al.
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)..(204)
OTHER INFORMATION: Ceres Seq.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
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                                                                                                                                                                                                                                                                                                            Local Similarity
nes 5; Conserv
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US/11/096,568A
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Pred. No. 16;
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Pred. No. 21;
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TITLE OF INVENTION: Sequence-Determined DNA F
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION UNMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 21630
LENGTH: 311
TYPE: PRT
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NAME/KEY: misc feature
; LOCATION: (1). (310)
; OTHER INFORMATION: Ceres Seq. ID no. 12405548
US-11-096-568A-21631
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US-11-096-568A-21631
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; ORGANISM: Zea mays subsp. mays
; PEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(210)
; OTHER INFORMATION: Ceres Seq. ID no. 12450485
US-11-096-568A-24716
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US-11-096-568A-21630
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APPLICANT: Alexandrov, Nickolai et al.
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Sequence-Determined DNA Fragments
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 21631
LENGTH: 310
TYPE: DET
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NUMBER OF SEQ ID NOS:
SEQ ID NO 24716
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            PEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(311)
OTHER INFORMATION: Ceres Seq. ID no. 12405547
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                                                                                ORGANISM: Zea mays subsp.
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Local Similarity 57.1%;
hes 4; Conservative
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Similarity 62.5%;
5; Conservative
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Pred. No.
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Pred. No. 33;
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Query Match
Best Local Similarity
Tatches 5; Conserv
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US-10-530-061-1673
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US-11-087-099-2242
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US-11-087-099-8245
Sequence 1673, Application US/10530061
Publication No. US20060079453A1
GENERAL INFORMATION:
APPLICANT: SINDEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSAUDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
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Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement FILE REFERENCE: 38-21 (53450) B EP CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
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SEQ ID NO 8245
LENGTH: 351
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Publication No. US20060041961A1
GENERAL INFORMATION:
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LENGTH: 351
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Best Local :
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TITLE OF INVENTION: Genes and Uses for Pl.
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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Local Similarity 71.4%;
les 5; Conservation
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71.4%;
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Pred. No.
                                                                                                                                                                                                                                                                                          Score 34; DB
Pred. No. 37;
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Pred. No. 37;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susen P. McElhiney
                                                                                                                                                                                                    Sequence 17, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
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SEQ ID NO 22
LENGTH: 148
TYPE: PRT
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Best Local Similarity 66.7%;
Matches 6; Conservative
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PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR TILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEO ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: HUMAN PAPÍLLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS FILE REFERENCE: 00630/100M137-US2 CURRENT APPLICATION NUMBER: US/10/530,253 CURRENT FILING DATE: 2005-04-04
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NUMBER OF SEQ ID NOS: 2503
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vo. US20060014926A1
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Pred. No. 2.
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Pred. No. 24;
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Query Match
Best Local Similarity
Watches 5; Conserve
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; ORGANISM: Human papillomavirus type
US-10-530-253-17
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US-11-172-740-1140
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GENERAL INFORMATION:

APPLICANT: MASCIA, Peter
APPLICANT: MASCIA, Peter
APPLICANT: MASCIA, Peter
APPLICANT: MICKOLAI
APPLICANT: MICKOLAI
APPLICANT: BEOVER, VYSACHESLAV
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR
TITLE OF INVENTION: PLANT CHARACTERISTICS AND PHENOTYPES
FILE REFERENCE: 2750-1620PUS
FILE REFERENCE: 2750-1620PUS
CURRENT FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: 60/583,621
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR APPLICATION NUMBER: 60/584,829
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR APPLICATION NUMBER: 60/584,800
PRIOR FILING DATE: 2004-06-30
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SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 110
LENGTH: 157
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Best Local
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PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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PRIOR FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/256, 931
PRIOR FILING DATE: 2000-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/199, 384 PRIOR FILING DATE: 2000-04-25
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CURRENT FILING DATE: 2005-11-02
CURRENT FILICATION NUMBER: 09/833,245
PRIOR FILING DATE: 2001-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Rosen et al.
TITLE OF INVENTION: Albumin Fusion Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: PF546D1
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Pred. No.
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Pred. No.
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GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Imp
FILE REPERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEG ID NOS: 12464
SEQ ID NO 9859
LENGTH: 392
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                                                                                                                    ; TYPE: PRT
; ORGANISM: Neuroврога сгавва
US-11-087-099-9859
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SEQ ID NO 1140
LENGTH: 281
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Publication No. US20060041961A1
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                                                          Matches
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TYPE: PRT
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OTHER INFORMATION: Utility: Useful
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NAME/KEY: misc_feature
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LOCATION: (1)...(281)
OTHER INFORMATION: Ceres CLONE ID no.
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OTHER INFORMATION: Utility:
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OTHER INFORMATION: Utility: Useful for making
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                                                                        Match 68.8%; Local Similarity 55.6%;
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   87
                             1 IHDIILECV 9
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                                                          5; Conservative
 VYDVIHECV 95
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                                                            Mismatches
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Pred. No. 47;
                                                                          Score 33;
Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               smaller plants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       plants with increased biomass
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CURRENT APPLICATION NUMBER: US/11/079,463
CURRENT FILING DATE: 2005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 10444
SEQ ID NO 8639
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US-11-188-298-16877
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US-10-530-253-24
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US-11-079-463-8639
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PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16877
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Sequence 24, Application US/10530253

Publication No. US20060014926A1

GENERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Susan P. McElhiney

APPLICANT: Susan P. McElhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 00630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530, 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 8639, Application US/11079463
Publication No. US20060073161A1
GENERAL INFORMATION:
APPLICANT: Gary L. Breton
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRA
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATHO0-03DIV2
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Best Local
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CURRENT FILING DATE: 2005-07-22
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TITLE OF INVENTION: GENES AND USES
FILE REFERENCE: 38-21 (53452) B
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Local Similarity 62.5%;
hes 5; Conservative
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5; Conserv
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Pred. No.
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Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                               Mismatches
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TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-24
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                                                                     APPLICANT: Alexandrov, Nickolai et al.

APPLICANT: Alexandrov, Nickolai et al.

TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides

TITLE OF INVENTION: Therby

FILE REFERENCE: 2750-1592PUS2

FILE REFERENCE: 2750-1592PUS2

CURRENT APPLICATION NUMBER: US/11/096,568A

CURRENT FILING DATE: 2005-04-01

NUMBER OF SEQ ID NOS: 34471

SEQ ID NO 24104

LENGTH: 267
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LENGTH: 160
TYPE: PRT
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Matches
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                                                                                                                                                                                                                                               Sequence 24104, Application US/11096568A Publication No. US20060048240A1 GENERAL INFORMATION:
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Selfrey K. Fullen
APPLICANT: Susan P. McSIhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
PILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US/03/031726
PRIOR APPLICATION NUMBER: US/03/03/031726
PRIOR APPLICATION NUMBER: US/03/03/031726
PRIOR PILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.1
                                       ORGANISM: Zea mays subsp. mays
                                                             TYPE: PRT
NAME/KEY: misc_feature
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Pred. No.
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RESULT 45
US-11-096-568A-24102
; Sequence 24102, Application US/11096568A
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Best Local Similarity
Tatches 4; Conserve
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; OTHER INFORMATION: Ceres Seq.
US-11-096-568A-24104
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides I
TITLE OF INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24103
LENGTH: 286
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                                                                                                                                                                                                                                                                    APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(5)450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 1244
LENGTH: 528
TYPE THE
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Publication No. US20060041961A1
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Best Local (
                                                                                                                                                                                           Query Match
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OTHER INFORMATION: Ceres Seq. ID no. 12418820
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                                                                                                                                                          Local Similarity
nes 4; Conserv
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4; Conserv
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Pred. No.
                                                                                                                                                                              Score 32;
Pred. No.
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Pred. No.
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                                                                                                                                                                                              Length 328
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Sequence 646, Application US/11188298

publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 50/592,978
PRIOR APPLICATION SUMBER: 50/592,978
PRIOR APPLICATION NUMBER: 50/592,978
LENGTH: 418
TYPE: DEFERENCE: DESCRIPTION OF STATEMENT OF SEQ ID NO 646
LENGTH: 418
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US-11-188-298-16409
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; OTHER INFORMATION: Ceres Seq. ID no. 12418819
US-11-096-568A-24102
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US-11-188-298-646
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Publication No. US20060075522A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B

CURRENT APPLICATION NUMBER: US/11/188,298

CURRENT FILING DATE: 2005-07-22

CURRENT FILING DATE: 2005-07-22
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TITLE OP INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
TITLE OP INVENTION: Therby
FILE REFERENCE: 2750-1592PUS2
CURRENT PAPLICATION NUMBER: US/11/096,568A
CURRENT FILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
SEQ ID NO 24102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 16409
LENGTH: 340
TYPE: PRT
ORGANISM: Prochlorococcus marinus subsp. pastoris str. CCMP1378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Publication No. US20060048240A1 GENERAL INFORMATION:
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Best Local :
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PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
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TYPE: PRT
ORGANISM: Zea mays subsp.
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NAME/KEY: misc_feature
LOCATION: (1)..(334)
ORGANISM: Burkholderia fungorum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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Sequence 102, Application US/10505928

Publication No. US20060088532A1

GENERAL INFORMATION:
APPLICANT: Ludwig Institute for Cancer Research et al.
TITLE OF INVENTION: LYMPHATIC ENDOTHELIAL GENES
FILE REFERENCE: 28967/39178

CURRENT APPLICATION NUMBER: US/10/505,928

CURRENT FILING DATE: 2004-08-27

PRIOR APPLICATION NUMBER: US 60/363,019

PRIOR FILING DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 866
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US-10-505-928-102
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US-10-505-928-102
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US-11-079-463-5827
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US-11-079-463-5827
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Publication No. US20060073161A1
GENERAL INFORMATION:
APPLICANT: GATY L. Breton
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRANTITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATHO0-03DIV2
CURRENT APPLICATION NUMBER: US/11/079,463
CURRENT FILING DATE: 2005-03-14
PRIOR APPLICATION NUMBER: US 60/128,705
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR APPLICATION NUMBER: US 09/540,209
PRIOR FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 104444
SEQ ID NO 5827
LENGTH: 592
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Pred. No. 1.1e+02;
1; Mismatches 1
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Pred. No. 2.1e+02;
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Pred. No. 1.6e+02;
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RESULT 50 US-11-091-668-2

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Sequence 2, Application US/11091668

Publication No. US20050262895Al
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: University of Nebraska
APPLICANT: Vaghchhipawala, Zarir Erach
ITTLE OF INVENTION: Soybean EGAM Synthase Promoters Useful in Parasite Control
FILE REFERENCE: 1231-221
CURRENT APPLICATION INMERS: US/11/091,668
CURRENT PILING DATE: 2005-03-28
PRIOR APPLICATION NUMBER: 60556745
PRIOR FILLING DATE: 2004-03-26
NUMBER OF SEQ ID NOS: 18
SOCTURE: 1044
TYPE: PRT
OGGANISM: Glycine max
FEATURE: NAME/KEY: misc_feature
LUCATION: (269). (269)
GOTHER INFORMATION: The 'Xaa' at location 269 stands for Leu, or Phe.
US-11-091-668-2
Ouery Match
Best Local Similarity 55.6%; Pred. No. 2.8e+02;
Matches 5: Conservative 2; Mismatches 2; Indels 0; Gaps 0;
Matches 5: Conservative 2; Mismatches 2; Indels 0; Gaps 0;
OTHER INFORMATION: The 'Xaa' at location 269 stands for Leu, or Phe.
US-11-091-668-2

Ouery Match
Best Local Similarity 55.6%; Pred. No. 2.8e+02;
Matches 5: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Ouery Match
Best Local Similarity 55.6%; Pred. No. 2.8e+02;
Matches 5: Jil : | | | |
Db 135 VHDRWTECV 143

Search completed: May 5, 2006, 08:29:41
Job time : 9.4 secs
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2: /cgn2_6/ptodata/1/iaa/6_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/H_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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US-08-860-165-14
US-09-359-382-14
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RESULT 1

US-08-159-339A-575

Sequence 575, Application US/08159339A

Patent No. 6037135

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APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban

TITLE OF INVENTION: HLA Binding peptides and Their
TITLE OF INVENTION: HLA Binding peptides and Their
APPLICANT: Celis, Esteban

TITLE OF INVENTION: HLA Binding peptides and Their
APPLICANT: Top INVENTION: Uses

NUMBER OF SEQUENCES: 1254

CORRESPONDENCE ADDRESS:
ADDRESSEB: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
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CLASSIFICATION: 4.24
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APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
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APPLICATION NUMBER: US 08/103,396
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APPLICATION NUMBER: 018623-005030US
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatik
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US-09-489-039A-8482
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US-09-270-767-44662
US-09-270-767-44665
US-09-283-110-5197
US-09-283-110-5197
US-09-283-10-5335
US-09-107-433-3985
US-09-107-433-3985
US-09-1107-433-3985
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Sequence 2, Appli
Sequence 8482, Appli
Sequence 36704, A
Sequence 51921, A
Sequence 44866, A
Sequence 3197, Ap
Sequence 15335, A
Sequence 10414, A
Sequence 10414, A
Sequence 8103, Ap
Sequence 8103, Ap
Sequence 81091, Ap
Sequence 6824, Ap
Sequence 6824, Ap
Sequence 6824, Appli
Sequence 6, Appli
Sequence 11, Appl
Sequence 4718, Ap
Sequence 478, Ap
Sequence 478, Ap
Sequence 5364, Ap
Sequence 5364, Ap
Sequence 5364, Ap
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Sequence 5364, Ap
Sequence 5364, Ap
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Patent No. 5932412

GENERAL INFORMATION:
APPLICANT: DILLINER, JOAKIM
APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
TITLE OF INVENTION: DIAGNOSTIC PURPOSES
NUMBER OF SEQUENCES: 193
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-159-339A-575
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                                                                                                                                                                                                                                                                               TOPOLOGY: 1: HOLECULE TYPE: US-08-934-915-160
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US-08-934-915-160
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Best Local Similarity 100
Matches 9; Conservative
                                                                                                                                                                                  Query Match
Best Local :
                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945
FILING DATE:
ATTORNEY_AGENT INFORMATION:
NAME: LOUISE A. Foutch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 813-538-3800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/934,915
FILING DATE: 22-SEP-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: LOUISE A. Foutch REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CVYCKQQLL 9
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    20 amino acids
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                                                                                            CVYCKQQLL 9
                                   CVYCKQQLL 14
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813-538-3820
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Pred. No. 0.0073
                                                                                                                                                                                      Score 52; DB 1; Length 20; Pred. No. 0.014;
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US-09-701-080C-18
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CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: PCT/FR00/01513
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: PR 99/07012
PRIOR APPLICATION NUMBER: PR 99/07012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver: 2.1
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US-09-980-523A-2
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                              RESULT 5
US-08-316-239B-3
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APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
APPLICANT: INSTITUTE OF MOLECULAR AND CREB BINDING PROTEIN AND RELATED PROTEIN P300
TITLE OF INVENTION: POLYPEPTIDES PROM CREB BINDING PROTEIN AND RELATED PROTEIN P300
TILLE OF INVENTION: TRANSCRIPTIONAL REGULATION
TILE REPERENCE: N73477C GCW
CURRENT APPLICATION NUMBER: US/09/701,080C
CURRENT APPLICATION NUMBER: GB 9811303.8
PRIOR APPLICATION NUMBER: GB 9811303.8
PRIOR APPLICATION NUMBER: GB 9900157.0
PRIOR PEPLICATION NUMBER: GB 9900157.0
PRIOR PILING DATE: 1999-01-05
NUMBER OF SEQ ID NOS: 36
NUMBER OF SEQ ID NOS: 36
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Patent No. 6783763

PATENT NOTICE STATES OF THE REPORT OF THE E6 AND 1

TITLE OF INVENTION: PARTICULARLY IN VACCINATION

PILE REPERENCE: WORST NO STATES OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE 
Sequence 3, Application US/08316239B
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Human Papillomavirus
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                                                                                                                                                                                CANCKOOFT
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100.0%; Pred. No. 0.09;
                                                                                                                                                                                                                                                                                                                               100.0%; Score 52; DI
100.0%; Pred. No. 0.0
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                    Length 158;
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US-08-316-239B-4
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,239B
FILING DATE: 30-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application Patent No. 5679509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wheeler, Cosette N
APPLICANT: Parmenter, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 803-9387
TELEPAX: (703) 803-9387
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: not MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wheeler, Cosette M.
APPLICANT: Wheeler, Cheryl A.
APPLICANT: Parmenter, Cheryl A.
TITLE OF INVENTION: Methods and a Diagnostic Aid for
TITLE OF INVENTION: Distinguishing a Subset of HPV that is Associated with
TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and
TITLE OF INVENTION: Cervical Cancer
NUMBER OF SEQUENCES: 4
ZIP: 20120-3400
ZIP: 20120-3400
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                      TITLE OF INVENTION: Methods and a Diagnostic Aid for TITLE OF INVENTION: Distinguishing a Subset of HPV that is Associated with an TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and TITLE OF INVENTION: Cervical Cancer NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Jagtiani, Ajay A. REGISTRATION NUMBER: 35, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20120-3400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Centreville
                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: not relevant TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
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                                                                                         COUNTRY:
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                                                                                                                               SEE: Jagtiani & Associ
C: 6126 Rocky Way Court
Centreville
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6126 Rocky Way Court
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ilarity 100.0%;
Conservative 0
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NO
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Pred. No. 0.096;
Mismatches
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RESULT 8
US-09-359-382-14
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NAME: Jagtiani, Ajay A.

REGISTRATION NUMBER: 35,205

REFERENCE/DOCKET NUMBER: UNME
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 817-9453

TELEFAX: (703) 803-9387

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
             Sequence 14, Application US/09359382
Patent No. 6306397
                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 14, Application US/08860165A Patent No. 6004557
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Best Local Similarity
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APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 17227/130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: PCT/AU95/00868
                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                            LENGTH: 172
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HYPOTHETICAL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: not
                                                                                                                           106 CVYCKQQLL 114
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9; Conserva
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nilarity 100.0%;
Conservative 0
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PatentIn Release #1.0, Version #1.30
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Pred. No. 0.096;
D; Mismatches 0; Indels
                                                                                                                                                                                                                  Score 52; DB ?
Pred. No. 0.1;
                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                   DB 2; Length 172
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APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: PRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
CURRENT PILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US/09/359,382
CURRENT FILING DATE: 1999-07-23
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
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US-08-117-083-10
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GENERAL INFORMATION:
                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: 24,190
REFERENCE/DOCKET NUMBER: 3-5883
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-788.3746
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 52; DB 2; Best Local Similarity 100.0%; Pred. No. 0.1; Matches 9; Conservative 0; Mismatches C
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                                                                                               TELEFAX: 415-398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Boursnell, Michael APPLICANT: Inglis, Stephen C. APPLICANT: Munro, Alan J.
LENGTH: 182 amino acid
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human TITLE OF INVENTION: Papilloma Virus Proteins NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Walter H
STREET: 4 Embarcade:
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: UZIP: 94111
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                                                                           182 amino acids
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PATENT NO. 6004557

GENERAL INFORMATION:
APPLICANT: EDMARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
APPLICANT: FRAZER, Ian
APPLICANT: FRAZER, Ian
CURRENT FILING DATE: 1927-130
CURRENT APPLICATION NUMBER: US/08/860,165A
CURRENT FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER FILING DATE: 1995-12-20
EARLIER APPLICATION NUMBER: AU PN0157
EARLIER FILING DATE: 1994-12-20
UNMBER OF SEQ ID NOS: 15
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SEQ ID NO 1
LENGTH: 243
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION FILE REFERENCE: 017753-122 CURRENT APPLICATION NUMBER: US/09/462,993 CURRENT FILING DATE: 2000-04-17 PRIOR APPLICATION NUMBER: PCT/FR98/01576 PRIOR PILING DATE: 1998-07-17 PRIOR FILING DATE: 1998-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: FR PRIOR FILING DATE: 1997-07-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:Derivated from OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 protein OTHER INFORMATION: fused F protein signals, clone E6*TMF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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les 9; Conservative
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9; Conserve
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BIZOUARNE, Nadine
                                                                                                                                                                                                                                                                                  Application US/08860165A
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ilarity 100.0%;
Conservative (
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the open reading frame."
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Pred. No. 0.11;
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CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 08/860,165
EARLIER FILING DATE: 1997-09-22
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: PCT/AU95/00868
EARLIER APPLICATION NUMBER: AU PN0157/94
EARLIER FILING DATE: 1995-12-20
RARLIER FILING DATE: 1994-12-20
NUMBER OF SEQ ID NOS: 27
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APPLICANT: EDWARDS, Stirling John
APPLICANT: COX, John Cooper
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: WEBB, Elizabeth Ann
APPLICANT: FRAZER, Ian
TITLE OF INVENTION: VARIANTS OF HUMAN PAPILLOMA VIRUS ANTIGENS
FILE REFERENCE: 017227/0148
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LENGTH: 266
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SEQ ID NO 10
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Best Local Similarity
             PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
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                                                                                                                                                                                                                                                                            Sequence 1, Application US/09367309A Patent No. 6428807
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Best Local Similarity
                                                                                       PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: AU PO 5178
                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
                                                                                                                                                                                  APPLICANT: MALLIAROS, JIM
TITLE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
                                                                                                                                                                                                                       APPLICANT: MACFARLAN, RODERICK I. APPLICANT: MALLIAROS, JIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Gene Fusion
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ENGTH: 266
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; ORGANISM: Human papillomavirus type 16 US-09-367-309A-1

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; TYPE: PRT; ORGANISM: Homo sapien US-09-485-885-10
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                                                                                                                                                                                                                                   Patent No. by....
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Celisse, Anne-Marie Eva Pernande
APPLICANT: Lombardo-Bencheikh, Angela
APPLICANT: Lombardo-Bencheikh, Angela
APPLICANT: Lombardo-Bencheikh, Angela
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CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT TILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR PILING DATE: 1997-08-25
PRIOR FILING DATE: 1997-08-25
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Matches 9; Conserva
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APPLICANT: Bruck, Claudine
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                                                                        SOFTWARE: 1
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Patent No. 6342224
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Best Local Similarity
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APPLICANT:
                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
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APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 273
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Pred. No. 0.15;
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Pred. No. 0.15;
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; ORGANISM: Homo sapien 
US-09-485-885-14
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US-09-485-885-6
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CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASTSEQ for Windows Version 3.0
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Matches
                                                                                                                                         SEQ ID NO 14
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APPLICANT: Lombardo
TITLE OF INVENTION:
FILE REFERENCE: B45
                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL
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Patent No. 6342224
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Matches 9; Conservative 0;
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LENGTH: 371
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Query Match 100.0%; Score 52; DB 2;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 9; Conservative 0; Mismatches 0
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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CÜRRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
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                                                                                                         LENGTH: 39
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                                                                                                                                                            FastSEQ for Windows Version 3.0
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
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Pred. No. 0.21;
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                                      Length 390;
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; ORGANISM: Human Papillomavirus
US-09-980-523A-4
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US-09-252-991A-31270
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US-09-980-523A-4
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                                                                                                                                                                                                                                                                        ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31270
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PRIOR PILLING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: FR 99/07012
PRIOR FILLING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
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Best Local Similarity
Matches 8; Conserva
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                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 31270
LENGTH: 80
TYPE: PRT
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APPLICANT: Marc J.
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                                                                                                                                                             Query Match
Best Local
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TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-03-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-03-18
PRIOR FILING DATE: 1998-07-27
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                                                                                                                         78.8%;
Similarity 66.7%;
6; Conservation
CLYCRQDLL 71
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100.0%; Pred. No. 0.098;
tive 0; Mismatches
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Pred. No.
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                                                                                                                                                                    DB 2;
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RESULT 21
US-09-134-001C-4260
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; LOCATION: (75)
COTHER INFORMATION: Identity of amino acid sequences at the above locations are unk.
US-09-248-796A-24285
US-09-134-000C-5935
                       RESULT 22
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APPLICANT: LYNN DOUCETTE-Stamm et al
APPLICANT: LYNN DOUCETTE-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AMD AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCU-
TITLE OF INVENTION: EPIDERWIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 4260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4260, Application US/09134001C Patent No. 6380370
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LENGTH: 347
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Best Local Similarity
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
FILE REFERENCE: 107196.132
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Candida albicans
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                                                                                                                                                                                                                                                                                                                                    LENGTH: 156
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Local Similarity 66.7%;
hes 6; Conservative
                                                                                       122 CIYCEQEFI 130
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Pred. No. 15;
1; Mismatches
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                                                                                                                                                                                                   Score 38;
Pred. No.
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; Sequence 5935, Application ; Patent No. 6617156

US/09134000C

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APPLICANT: Lynn Doucette-Stamm et al

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Sequence 54253, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of PILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOPTWARE: PATENTIN Ver. 2.0
SEQ ID NO 54253
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US-09-270-767-39036
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; OTHER INFORMATION: Xaa
US-09-270-767-54253
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US-09-270-767-39036
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: Pile Reference: 7326-094
CURRENT APPLICATION UNMERR: U$/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 39036
LENGTH: 959
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Best Local Similarity 55.6%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 39036, Appl Patent No. 6703491 GENERAL INFORMATION:
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                                                                                                 LENGTH: 959
TYPB: PRT
ORGANISM: Drosophila melanogaster
                                                                      FEATURE:
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5; Conserv
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                               means any amino acid
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 37; DB 2;
Pred. No. 1.9e+02;
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; ORGANISM: Human
US-09-949-016-9659
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US-09-949-016-9659
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PRIOR FILING DATE: 2000-11-01
PRIOR PELICATION NUMBER: 09/228,986
PRIOR PILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/162,866
PRIOR FILING DATE: 1999-11-01
PRIOR APPLICATION NUMBER: PCT/US00/00724
PRIOR APPLICATION NUMBER: PCT/US00/00724
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ 1D NOS: 989
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                        SOFTWARE: FastSEQ for Windows Version SEQ ID NO 9659
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Best Local Similarity 62.5%;
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Best Local
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                                                                                                                                                                                                 APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT FILLING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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APPLICANT: Higgins, Colleen M.
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling
FILE REFERENCE: 11000.1020C2
CURRENT APPLICATION NUMBER: US/10/101,464A
CURRENT FILING DATE: 2002-03-18
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TYPE: PRT
ORGANISM: Pinus radiata
                                                                                          LENGTH: 441
TYPE: PRT
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5; Conservative
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Pred. No.
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Query Match

69.2%;

Score 36;

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Length 441;

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US-09-489-039A-12427
; Sequence 12427, Application US/09489039A
; Patent No. 6610836
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US-08-247-904B-10
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Best Local Similarity
Total 5; Conservation
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APPLICANT: GARRY Breton et. al
TITLE OF INVENTION: WICLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12427
LENGTH: 462
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Matches 6; Conserv
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GENERAL INFORMATION:
                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII(text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/247,904B

FILING DATE: 23-MAY-1994

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NBME: VISCORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rolfe, Mark
APPLICANT: Eckstein, Jens W.
APPLICANT: Draetta, Giulio
TITLE OF INVENTION: Human Ubiquitin Conjugating Enzyme
                                                       NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-029.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
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1; Mismatches 1;
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Pred. No. 1.4e+02;
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RESULT 30
US-08-117-083-14
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Best Local S
Matches 6
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                                                                                                                               Matches
                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/767,942A FILING DATE: 17-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-029.04
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                             TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Damagnez, Veronique
APPLICANT: Draetta, Giulio
APPLICANT: Guillaume, Cottarel
TITLE OF INVENTION: UBLQUITIN CONJUGATING ENZYMES
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 15
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 158 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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                                                                                                                             Local Similarity
les 6; Conserv
                                                                                                                                                                                                                              TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            32 CVYCKTVL
                                                                  32 CVÝCKTVĽ 39
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                                                                                               1 CANCKOOF 8
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Similarity 75.0%;
6; Conservative
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)GY: linear
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Chiu, M. Isabel
Berlin, Vivian
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                                                                                                                                 Conservative
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                                                                                                                                              67.3%;
75.0%;
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Pred. No. 78;
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sequence 14, Application US/08117083 Patent No. 5719054

GENERAL INFORMATION:
APPLICANT: Boursn
APPLICANT: Inglis

Boursnell, Michael E. Inglis, Stephen C.

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RESULT 31
US-09-485-885-21
FILE REPRENCE: B45107

CURRENT APPLICATION NUMBER: US/09/485,885

CURRENT FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR APPLICATION NUMBER: GB 9717953.5

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23

SOFTWARE: FABESEQ for Windows Version 3.0

SEQ ID NO 21

LENGTH: 278
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
SEQUENCE 271 amino acids
TENGTH: 271 amino acids
                                                                                                                                                                                                                                                                                                                                                                      Sequence 21, Application US/09485885
Patent No. 6342224
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                       APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
TITLE OF INVENTION: Vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
10-SEP-1993
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
CLASSIFICATION: 435
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TITLE OF INVENTION: Recombinant Virus Vectors Encoding
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Dreger, Walter H.

REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-58783
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415.781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: /note= "Xaa refers to other Information: the open reading frame
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U
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CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               33 CVYCKTVL 40
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                                             FastSEQ for Windows Version 3.0
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75.0%;
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Pred. No. 1.3e+02;
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US-09-328-352-4537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo mapien US-09-485-885-23
                                                                                                                             US-09-328-352-4537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/485,885
CURRENT FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/RP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                          APPLICANT: GATY L. Breton et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 4537
LENGTH: 472
TYPE: PRT
                                                                                                                                                                                                                                                                                                                        Sequence 4537, Applia Patent No. 6562958 GENERAL INFORMATION:
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Delisse,
APPLICANT: Gerard,
APPLICANT: Lombardo
TITLE OF INVENTION:
FILE REFERENCE: B45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6342224
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 6; Conserv
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                                                               Matches
                                                                              Query Match 67.3%;
Best Local Similarity 44.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 38
TYPE: PRT
                                                                                                                                              ORGANISM: Acinetobacter baumannii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                          143 CVYCKTVL 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             143 CVYCKTVL 150
 314 CIYCNSRML 322
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                               1 CANCKOOFF 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 CVYCKQQL 8
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                                                               4; Conservative
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Delisse, Anne-Marie Eva Fernande
Gerard, Catherine Marie Ghislaine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09485885
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                                                                                                                                                                                                                                                                                                                                                         Application US/09328352
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                                                              Score 35; DB 2;
Pred. No. 2.1e+02;
3; Mismatches 2
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Pred. No. 1.8e+02;
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Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                                                                                               Length 472,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 383;
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                                                                   Gaps
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RESULT 35
US-08-159-339A-226
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US-09-138-277C-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver.
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09138277C Patent No. 6426403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 226, Application US/08159339A Patent No. 6037135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: OKUMURA, KO
TITLE OF INVENTION: TRAP FAMILY MOLECULES, POLYNUCLEOTIDES ENCODING THEM,
TITLE OF INVENTION: AND ANTIBODIES AGAINST THEM
FILE REFERENCE: 0077898-0255515
CURRENT APPLICATION NUMBER: US/09/138,277C
CURRENT FILING DATE: 1998-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: NAKATA, MOTOMI
APPLICANT: NAKANO, HIROYASU
APPLICANT: YAGITA, HIDEO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/JP97/00512
PRIOR FILING DATE: 1997-02-24
PRIOR APPLICATION NUMBER: JP 34674/1996
PRIOR FILING DATE: 1996-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kubo, Raipu ...
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: WYRNTION: HLA Binding peptides and Their
                                         CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 558
                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
PILING DATE: 05-MAK-1333
APPLICATION NUMBER: US 08/103,396
APPLICATION O6-AUG-1993
                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                168 CLYCKRDIV 176
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                                                                                                                                                                                                                                                                                                                       94111-3834
                                                                                                                                                                                                                                                                                                                                                                             San Francisco
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                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                           DOS
for Windows Version
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Pred. No.
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Query Match
Best Local Similarity
Thes 7; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6037135
GENERAL INFORMATION:
                                                                    CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILLING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILLING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILLING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
FILLING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Cells, Beteban
TITLE OF INVENTION: HLA Binding
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
Annuacces
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 9 amino acids
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Diskette
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TOPOLOGY: linear
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REGISTRATION NUMBER: 32,762
                                                         TELBFAX:
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 29-NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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Two Embarcadero Center, Eighth Floor
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                                                       (415) 576-0300
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87.5%;
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Pred. No.
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US-08-159-339A-253
                                                                                                                             ; MOLECULE TYPE: peptide US-08-159-339A-253
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                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
PILING DATE: 29-NOV-1993
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                            NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REBERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                           STRANDEDNESS:
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CITY: San Francisco
                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                  TELEFAX: (415) 576-0300
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                                2 VYCKQQLL
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Two Embarcadero Center, Eighth Floor
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87.5%;
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                                                               Score 34; DB 2; Length 9; Pred. No. 4.6e+05; Mismatches 1; Indels
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RESULT 38
US-08-159-339A-570
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                                                                                                                                              US-08-159-339A-573
                                                                                                                                                                   RESULT 39
Sequence 573, Application US/08159339A
Patent No. 6037135
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding peptides and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAMB: Weber; Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECHOME: (415) 576-0200
                                                                                                                                                                                                                                                                                               Matches
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Ploor
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APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                            Local
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                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
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5; Conserve
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100.0%; Pred. No. 4.6e+05;
Live 0; Mismatches 0;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor

STREET: Two Embarca CITY: San Francisco NUMBER OF SEQUENCES:

1254

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US-08-159-339A-1176
                                                                                                                                                                                                                                                                                                                                                 Sequence 1176, Application US/08159339A Patent No. 6037135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION : (1415) 576-0200
STALL
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
MEDIUM TYPE: Diskette
DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                   TITLE OF INVENTION: HLA Binding peptides and Th
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                              APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: single
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OPERATING SYSTEM:
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les 5; Conserv
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                                                                                                                                    San Francisco
                                                                                                                                                                                                                                                                                                Kubo, Ralph T. Grey, Howard M.
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linear
E:
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100.0%; Pred. No.
tive 0; Mismatc
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Best Local Similarity lvv.
"Thes 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bleul, Conrad
APPLICANT: Gissmann, Lutz
APPLICANT: Multer, Martin
TITLE OF INVENTION: Seroreactive Epitopes On Proteins
TITLE OF INVENTION: Human Papillomavirus (HPV)18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Wincurrent APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 29-NOV-1993
                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/466,285
                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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ATTORNEY/AGENT INFORMATION:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/947,992
                                                      CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/164,768
FILING DATE: 10-DEC-1993
                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 20005-3315
                                                                                                                                                                                                                                                                                                                                   STATE: D.C
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                                                                                                                                    FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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1300 I Street, N.W., Suite 700
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100.0%; Pred. No. 13;
tive 0; Mismatches
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CLASSIFICATION:

US 07/696,953

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US-08-164-768-2
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Patent No. 6322794
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APPLICANT: BLEUL, Conrad
APPLICANT: GISSMANN, Lutz
APPLICANT: GISSMANN, Lutz
APPLICANT: MULLER, Martin
TITLE OF INVENTION: SEROREACTIVE EPITOPES ON PROTEINS OF
TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS (HPV) 18
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
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APPLICATION NUMBER: US 07/
PILING DATE: 08-MAY-1991
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UDMBER: P 40 1
PILING DATE: 10-MAY-1990
                                     TELEFAX: (202) 408-4400 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,768
FILING DATE: 10-DEC-1993
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
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ATTORNEY/AGENT INFORMATION:
NAME: Manspeizer, David A.
REGISTRATION NUMBER: 37,540
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: FORMAT, DAVId S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05552.1075-02000
                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1500
CITY: Washington
STATE: DC
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
                                                                        TELEPHONE: (202) 408-4000
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US-09-270-767-60607

is equence 60607, Application US/09270767

is equence 60607, Application US/09270767

is patent No. 6703491

is GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

it experience: 7326-094

current Application Number: US/09/270,767

current Filing Date: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 60607

LENGTH: 118

TYPE: PRT
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-164-768-2
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Best Local Similarity
Thes 5; Conserve
                Query Match
Best Local Similarity
Thes 5; Conserva
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                                                                                               ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-60607
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Cyanophora paradoxa US-09-732-210-488
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SEQ ID NO 488
LENGTH: 64
TYPE: PRT
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Patent No. 6573361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wu, Yonnie S.
TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
FILE REFERENCE: 386-21 (15036) B
CURRENT APPLICATION NUMBER: US/09/732,210
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/169,513
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: US 60/169,340
PRIOR FILING DATE: 1999-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bunkers, Greg J.
APPLICANT: Liang, Jihong
APPLICANT: Mittanck, Cindy A
APPLICANT: Seale, Jeffrey W.
APPLICANT: Wu, Yonnie S.
                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
les 5; Conserv
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1 CVYCKQ 6
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                              Conservative
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100.0%; Prr
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                                               65.4%;
                                ; Score 34; DB;
; Pred. No. 88;
1; Mismatches
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Pred. No.
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RESULT 45
US-09-248-796A-14459
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US-09-270-767-40146
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; OTHER INFORMATION: Identity of amino acid sequences at the above locations are US-09-248-796A-14459
                                                        RESULT 47
US-09-270-767-55362
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                                                                                                                                                                                                                                                                                                                                     Sequence 40146, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 40146
LENGTH: 273
TYPE: PRT
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
TILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR PILING DATE: 1998-08-13
PRIOR PILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
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SEQ ID NO 14459
LENGTH: 168
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Sequence 55362, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
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Best Local
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Best Local
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NAME/KEY: UNSURE
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ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                    65.4%;
Local Similarity 71.4%;
les 5; Conservantion
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                                                                                                                                   200 CVYCETQ 206
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GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 52523

LENGTH: 334

TYPE: PRT

ORGANIEM: Drosophila melanogaster
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; OTHER INFORMATION: US-09-270-767-52523
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 55362

LENGTH: 273

TYPE: PRT

ORGANISM: Drosophila melanogaster
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37306
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Best Local Similarity
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Best Local Similarity
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TYPB: PRT
ORGANISM: Drosophila melanogaster
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Pred. No. 2.3e+02;
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RESULT 50
US-09-270-767-62069
US-09-270-767-62069, Application US/09270767
Sequence 62069, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
FILE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 62069
LENGTH: 344
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-62069
Search completed: May 5, 2006, 04:48:42 Job time: 22.7 secs
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RESULT 2
US-10-476-570-24

JS-10-476-570-24

Sequence 24, Application US/10476570
Publication No. US20040170644A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 3
APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE APPLICANT: INSTITUT NATIONAL DE LA SANTE ET APPLICANT: MAILLERE, Bernard APPLICANT: BOURGAULT-VILLADA, Isabelle APPLICANT: POUVELLE-MORATILLE, Sandra
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APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
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CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
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TYPE: PRT
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US-10-195-893-474
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APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixcure of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT PILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 15
TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: peptide E6 31-45
OTHER INFORMATION: Description of the artificial sequence:
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICA
APPLICANT: MALILERE, Bernard
APPLICANT: BOURGALUT-VILLADA, Isabelle
APPLICANT: BOURGALUT-VILLADA, Isabelle
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT PLING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PRO2/01533
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: PR 01 05980
PRIOR APPLICATION NUMBER: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 15
TYPE: PRT
ORGANISM: artificial sequence
PEATURE:
OTHER INFORMATION: Description of the artificial sequence: peptide
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US-10-476-570-25
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                                                                                                  Matches
                                                                                                                       Query Match
Best Local Similarity
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CVYCKOOLL 10
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                                                                                                                       100.0%; Score 52;
100.0%; Pred. No.
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                                                                                                     Mismatches
                                                                                                                          0.086;
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RESULT 4
US-10-476-570-10
; Sequence 10, Application US/10476570
; Publication No. US20040170644A1
; GENERAL INFORMATION:

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APPLICANT: POUVELLE-MORATILLE, Sandra
APPLICANT: GUILLET, Jean-Gerard
ITITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
ITITLE OF INVENTION: papillomavirus proteins and uses thereof
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ITITLE OF INVENTION: papillomavirus proteins and uses thereof
ITITLE OF INVENTION NUMBER: US/10/476,570
CURRENT APPLICATION NUMBER: VS/10/476,570
CURRENT APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 32
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PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 21
TYPE: PRT
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Best Local
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILLERE, Bernard
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BOURGAULT-VILLADA, Isabelle
        CVYCKQQLL 32
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Pred. No. 0.12;
); Mismatches 0; Indels
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Pred. No. 0.17;
Mismatches
                                                                                                                                                                                                                                                                                                                                                          of the artificial sequence:
                                                                                                                                                                                                                                        DB 4; Length 32;
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                                                                                                                                                   ; LENGTH: 151
; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-177-390-6
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LENGTH: 33

TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
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                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 6
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Best Local (
                                                                           Matches
                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                 APPLICANT: Schuler, Gerold
APPLICANT: N.V. Antwerps Innovatiecentrum
APPLICANT: N.V. Antwerps Innovatiecentrum
TITLE OF INVENTION: Improved Transfection of Bucaryotic Cells with Linear
TITLE OF INVENTION: Polynucleotides by Electroporation
TILE REPERENCE: 02150swo/JH/ml
CURRENT APPLICATION NUMBER: US/10/177,390
CURRENT PILING DATE: 2002-06-20
RUMBER OF SEQ ID NOS: 34
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TITLE OF INVENTION: Mixture of peptides derived from E6 and/or
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF EE0 ID NOS: 63
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30 CVYCKQQLL 38
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                                    1 CVYCKQQLL 9
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9; Conserv
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Pred. No. 0.17;
Mismatches
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                                                                                              Score 52; DB 4
Pred. No. 0.66;
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                                                                         Mismatches
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RESULT 8 US-10-484-063-20

Sequence 20, Application US/10484063 Publication No. US20050048467A1 GENERAL INFORMATION:

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                                                                                                             Sequence 2, Application US/10858384 Publication No. US20050033025A1 GENERAL INFORMATION:
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SEQ ID NO 27
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Publication No. US20050048467A1
GENERAL INFORMATION:
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SEQ ID NO 20
LENGTH: 151
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Best Local Similarity
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APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC: 560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR APPLICATION NUMBER: 60/306,809
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: FOLLEN, MICHELE
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO HPV-ASSOCIATED
TITLE OF INVENTION: PRE-CANCEROUS AND CANCEROUS GROWTHS, INCLUDING CIN
FILE REFERENCE: UTSC:560US
CURRENT APPLICATION NUMBER: US/10/484,063
CURRENT FILING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: PCT/US02/23198
PRIOR PILING DATE: 2002-07-19
PRIOR PILING DATE: 2002-07-20
PRIOR PILING DATE: 2001-07-20
NUMBER: OF SEQ ID NOS: 27
NUMBER: OF SEQ ID NOS: 27
APPLICANT: CHOPPIN, JEANNINE
APPLICANT: BOURGAULT VILLADA, I.
APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SASTRY, K. JAGANNADHA
APPLICANT: TORTOLERO-LUNA, GUILLERMO
APPLICANT: FOLLEN, MICHELE
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30 CVYCKQQLL 38
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                                                                                                                                                                                                                                                                                                                                                                              Conservative
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100.0%; Pred. No. 0.66;
vative 0; Mismatches
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Cuthill, Scott;

APPLICANT: Lackson, Amanda;

APPLICANT: Lewin, David A.;

APPLICANT: Lewin, David A.;

APPLICANT: Ooi, Chean Eng

FITILE OF INVENTION: Complexes and Methods of Using Same

FILE REFERENCE: 21402-559

CUTRENT APPLICATION NUMBER: US/10/367,057

CUTRENT FILING DATE: 2003-02-14

PRIOR APPLICATION NUMBER: 60/256,911

PRIOR FILING DATE: 2002-02-14

NUMBER OF SEQ ID NOS: 198

SOFTWARE: CuraSeqList version 0.1

SEQ ID NO 16
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US-11-021-949-13
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                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
                                                                                                                                                                                                                                                                   Sequence 13, Application US/11021949
Publication No. US20050142541A1
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LENGTH: 158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
APPLICANT: BELMARS, MICHAEL P.
APPLICANT: BIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTHRODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USB
FILE REFERENCE: VITA-012
CURRENT FILING DATE: 2004-12-3
PRIOR APPLICATION NUMBER: 60/532,373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/858,384
CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: POLYEDITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE TITLE OF INVENTION: PARTICULARLY IN VACCINATION FILE REFERENCE: 0508-1037-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Human Papillomavirus
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Query Match
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; ORGANISM: human papilloma virus (HPV)
US-11-021-949-13
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: EP 01107271.7
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
LENGTH: 171
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/11072288 Publication No. US20050159386A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/10472724
Publication No. US20040171806A1
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Best Local
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CURRENT APPLICATION NUMBER: US/10/472,724
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP02/03271
PRIOR FILING DATE: 2002-03-22
                                     TITLE OF INVENTION: ANTITUMORAL COMPOSITION BASED ON IMMUNOGENIC TITLE OF INVENTION: POLYPEPTIDE WITH MODIFIED CELL LOCATION PILE REPERENCE: 017753-122

CURRENT APPLICATION NUMBER: US/11/072,288

CURRENT FILING DATE: 2005-03-07

PRIOR APPLICATION NUMBER: US/99/462,993

PRIOR PILING DATE: 2000-04-17

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

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PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR APPLICATION NUMBER: PCT/FR98/01576

PRIOR PLING DATE: 1997-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cid-Arregui, Angel
APPLICANT: Zur Hausen, Harald
TITLE OF INVENTION: Modified HPV E6 and E7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2003-12-23
                                                                                                                                                                                                                                                                                                                 APPLICANT: KIENY, Marie-Paule
APPLICANT: BALLOUL, Jean-Marc
APPLICANT: BIZOUARNE, Nadine
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn Ver. 2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PEATURE:
OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence
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Pred. No. 0.69;
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GENERAL INFORMATION:
APPLICANT: MACFARLAN, RODERICK I.
APPLICANT: MALLIAROS, JIM
ITILE OF INVENTION: CHELATING IMMUNOSTIMULATING COMPLEXES
FILE REFERENCE: 017227/0149
CURRENT APPLICATION NUMBER: US/09/367,309A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: PCT/AU98/00080
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR APPLICATION NUMBER: AU PO 5178
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PATENTIN VET: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:Derivated OTHER INFORMATION: human papillomavirus, strain HPV-16, E6 prote; OTHER INFORMATION: fused F protein signals, clone E6*TMF. US-11-072-288-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; LENGTH: 266
; TYPE: PRT
; ORGANIZM: Human papillomavirus type 16
US-09-367-309A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
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Matches
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LENGTH: 243
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 273
                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/10000903 publication No. US20020182221A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 1
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                                                                                                                                                         APPLICANT: Delisse, Anne-Marie Bva Fernande APPLICANT: Gerard, Catherine Marie Ghislaine APPLICANT: Lombardo-Bencheikh, Angela TITLE OP INVENTION: Vaccine FILE REFERENCE: B45107
CURRENT PELLIATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
                                                                                                                                                                                                                                                                                                APPLICANT: Bruck, Claudine APPLICANT: Cabezon Silva,
                                                                                                                  PRIOR APPLICATION NUMBER: PCT/EP98/05285 PRIOR FILING DATE: 1998-08-17
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nes 9; Conserv
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Similarity 100.0%;
9; Conservative 0;
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                                                                                                                                                                                                                                                                                              Cabezon Silva,
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100.0%; Pred. No.
tive 0; Mismatch
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Pred. No. 1.1;
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Sequence 10, Apr.

Sequence 10, Apr.

Sequence 10, Apr.

Publication No. US2002222

APPLICANT: Bruck, Claudine

APPLICANT: Cabezon Silva, Teresa

APPLICANT: Delisse, Anne-Marie Eva Fernande

APPLICANT: Gerard, Catherine Marie Ghislaine

TANT: TONTION: Vaccine

105/10/000,903
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; OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius )
; OTHER INFORMATION: influenzae B and B6 from Human papilloma virus type ; OTHER INFORMATION: 16)
US-10-899-771-4
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Best Local Similarity
""" hes 9; Conserva
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CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR FILING DATE: 1997-12-24
NUMBER: GB 9727262.9
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Best Local S
Matches 9
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LENGTH: 273
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 3.0
EQ ID NO 10
                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
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SOFTWARE: FastSEQ for Windows Version 3.0
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CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 2000-06-20
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1998-12-26
PRIOR FILING DATE: 1998-12-26
PRIOR FILING DATE: 1997-12-24
NUMBER: OF SEQ ID NOS: 28
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
LENGTH: 292
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE: TYPES INFORMATION. Chimagail Date (Cluster)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus; OTHER INFORMATION: pneumoniae and E6 from Human papilloma virus type; OTHER INFORMATION: 16)
US-10-899-771-10
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FILE REFERENCE: B45107

CURRENT APPLICATION NUMBER: US/10/000,903

CURRENT FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: PCT/EP98/05285

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 23
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Publication No. US20020182221A1
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Publication No.
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                                                                                                                                                                                     APPLICANT: Bruck, Claudine
APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Fernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
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TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
FILE REFERENCE: B45124
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                                                                                                                                                                    TITLE OF INVENTION: Vaccine
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nes 9; Conservative
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Pred. No.
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Pred. No. 1.2;
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SOFTWARE: FastSEQ for

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TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45107
CURRENT APPLICATION NUMBER: US/10/000,903
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: PCT/EP98/05285
PRIOR FILING DATE: 1998-08-17
PRIOR PPLICATION NUMBER: GB 9717953.5
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 23
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Best Local Similarity
Matches 9; Conserv
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LENGTH: 371
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Publication No. US20020182221A1
GENERAL INFORMATION:
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LENGTH: 371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Pusion Proteins Adjuvanted with a CpG Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2004-07-27
PRIOR APPLICATION NUMBER: US/09/581,976
PRIOR TILING DATE: 2000-66-20
PRIOR APPLICATION NUMBER: PCT/EP98/08563
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PRIOR PILING DATE: 1997-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: B45124
CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
                                                                                                                                                                                         APPLICANT: Cabezon Silva, Teresa
APPLICANT: Delisse, Anne-Marie Eva Pernande
APPLICANT: Gerard, Catherine Marie Ghislaine
APPLICANT: Lombardo-Bencheikh, Angela
                                                                                                                                                                                                                                                       APPLICANT: Bruck,
APPLICANT: Cabezo
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SOFTWARE: FastSEQ for Windows Version 3.0
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TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Chimaeric protein (protein D from Haemophilius OTHER INFORMATION: influenzae B and E6E7 fusion from Human papilloma OTHER INFORMATION: virus type 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CVYCKQQLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                h 100.0%; Score 52; I
Similarity 100.0%; Pred. No. 1.
9; Conservative 0; Mismatches
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; OTHER INFORMATION: Chimaeric protein (Clyta from Streptococcus; OTHER INFORMATION: pneumoniae and B6E7 fusion from Human papil:
; OTHER INFORMATION: virus type 16)
US-10-899-771-14
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; TYPE: PRT
; ORGANISM: Homo sapien
US-10-000-903-14
                                                                                                                                                                                                                                                                                                                                               US-10-367-095-10
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PRIOR FILING DATE: 2000-06-20
PRIOR PPLICATION NUMBER: PCT/EP98/08563
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: GB 9727262.9
PRIOR PILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PastSEQ for Windows Version 3.0
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILLING DATE: 2002-02-14
PRIOR PELICATION NUMBER: US 60/356,161
PRIOR PILLING DATE: 2002-02-14
PRIOR PILLING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR PILLING DATE: 2002-02-14
PRIOR FILLING DATE: 2002-02-14
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LENGTH: 390
TYPE: PRT
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Best Local S
Matches 9
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Publication No. US20030228696A1
GENERAL INFORMATION:
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Publication No.
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Best Local Similarity
                                                                                                                                                                       TITLE OF INVENTION: NO. US20030228696A1el Insect Cell Line FILE REFERENCE: 44149-LUS1 CURRENT APPLICATION NUMBER: US/10/367,095 CURRENT FILING DATE: 2003-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/899,771
CURRENT FILING DATE: 2004-07-27
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APPLICANT: Gerard, Catherine Marie Ghislaine
TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
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nes 9; Conserv
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9; Conservative 0;
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                                                                                                             Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10, Application US/10368046 Publication No. US20040063188A1
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Best Local Similarity
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LENGTH: 536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 44149-3US1
CURRENT APPLICATION NUMBER: US/10/368,046
CURRENT FILING DATE: 2003-02-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Vittoria Cioce
TITLE OF INVENTION: Method for Isolation and Purification of
TITLE OF INVENTION: Expressed Gene Products In Vitro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Robin A. Robinson APPLICANT: Vittoria Cioce
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/356,154
                                         TYPE: PRT ORGANISM: Artificial Sequence
OTHER INFORMATION: HPV-16 L2/E6 fusion protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: HPV-16 L2/E6 fusion protein
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                                                                                            ENGTH: 536
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APPLICATION NUMBER: US 60/356,157
APPLICATION NUMBER: US 60/356,157
                                                                                                                                                                                                           APPLICATION NUMBER: US 60/356,135 FILING DATE: 2002-02-14
                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/356,113 FILING DATE: 2002-02-14
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Pred. No.
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FILE REFERENCE: 19065/2132

CURRENT APPLICATION NUMBER: US/10/918,337

CURRENT FILING DATE: 2004-08-13

PRIOR APPLICATION NUMBER: PCT/US03/04473

PRIOR FILING DATE: 2003-02-14

PRIOR APPLICATION NUMBER: US 60/356,119

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,161

PRIOR APPLICATION NUMBER: US 60/356,118
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; OTHER INFORMATION: HPV-16 L2/E6 fusion protein
US-10-367-367-10
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CURRENT FILING DATE: 2003-02-15
PRIOR APPLICATION NUMBER: US 60/356,119
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,161
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR APPLICATION NUMBER: US 60/356,118
PRIOR FILING DATE: 2002-02-14
PRIOR FILING DATE: 2002-02-14
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; Publication No. US20
; GENERAL INFORMATION:
; APPLICANT: Robin A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 10
LENGTH: 536
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                         Sequence 10, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: Optimization of Gene Sequences
TITLE OF INVENTION: Chimeric Virus-Like Particles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Optimization of Gene Sequences of TITLE OF INVENTION: Virus-Like Particles for Express: FILE REFERENCE: 44149-2US1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/356,157
APPLICATION NUMBER: US 60/356,133
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No. US20050118191A1
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100.0%; Pred. No.
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Pred. No.
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for Expression in Insect Cells
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RESULT 29
US-10-858-384-4
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PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 53
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Best Local Similarity
Matches 8; Conserva
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TITLE OF INVENTION: Mixture of peptides derived from 86 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
FILE REFERENCE: 45636-5071-US
CURRENT APPLICATION NUMBER: US/10/476,570
CURRENT FILING DATE: 2003-11-04
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2002-05-03
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PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,156
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,123
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/356,113
PRIOR APPLICATION NUMBER: US 60/356,113
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 13
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APPLICANT: INSTITUT NATIONAL DE LA SANTE ET
APPLICANT: MAILERE, BETTANT
APPLICANT: BOURGAULT-VILLADA, Isabelle
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                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of the artificial sequence: peptide E6 15-44
                                                                                                                                                                                                                                                                                                                 LENGTH: 30
TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: HPV-16 L2/E6 fusion protein
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Local Similarity 100.0%;
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    4, Application US/10858384
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Pred. No.
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; LENGTH: 30
; TYPB: PRT
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description
; OTHER INFORMATION: for E6 of HP
US-10-858-384-4
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US-11-021-949-14
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CURRENT FILING DATE: 2004-06-02
PRIOR APPLICATION NUMBER: FR 9907012
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Applica Publication No. US20 GENERAL INFORMATION:
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Matches
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Best Local
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                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                          APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
CURRENT FILING DATE: 2004-12-23
CURRENT FILING DATE: 2004-12-23
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APPLICANT: GUILLET, JEAN-GERARD
APPLICANT: CONNAN, FRANCINE
APPLICANT: FERRIES, ESTELLE
APPLICANT: FERRIES, ESTELLE
TITLE OF INVENTION: POLYEPITOPIC PROTEIN FRAGMENTS OF THE E6 PROTEIN
TITLE OF INVENTION: OR E7 OF HPV, THEIR PRODUCTION AND THEIR USE
TITLE OF INVENTION: PARTICULARLY IN VACCINATION
                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: LU, PETER APPLICANT: GARMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 0508-1037-1
                                                                                                                                                                  LENGTH: 149
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
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30
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                                    1 CVYCKQQL 8
                                                                         Similarity 7; Conserv
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CVYCKQEL
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lo. US20050142541A1
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                                                                             Conservative
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100.0%; Pred. No.
100.0%; Mismatches
                                                                                           86.5%;
                                                                         Score 45; DB 6; pred. No. 9.3; 1; Mismatches
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                                                                                                                 Length 149;
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US-11-021-949-361 ; Sequence 361, Application US/11021949 ; Publication No. US20050142541A1

RESULT 31

GENERAL INFORMATION

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RESULT 33
US-11-021-949-24
US-11-021-949-24
Sequence 24, Application US/11021949
Publication No. US20050142541A1
GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BIMARES, MICHAEL P.
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; ORGANISM: human papilloma virus (HPV)
US-11-021-949-18
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US-11-021-949-18
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Watches 7; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION UNMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
PRIOR SEQ ID NOS: 361
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 149
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Publication No. US20050142541A1
GRNERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BILMARES, MICHAEL P.
APPLICANT: BILMARES, JOHANNES
APPLICANT: SCHWEIZER, JOHANNES
APPLICANT: SCHWEIZER, JOHANNES
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CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 361
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Best Local S
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APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV TITLE OF INVENTION: AND METHODS OF THEIR USE FILE REFERENCE: VITA-012
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7; Conserv
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87.5%;
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Pred. No. 42;
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Pred. No. 31;
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TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 151
Type: 7-7-
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Best Local Similarity '
Thehes 6; Conservat
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                           GENERAL INFORMATION:
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARBS, MICHAEL P.
APPLICANT: BIAZ-SARMIENTO, CHAWORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF
TITLE OF INVENTION: AND METHODS OF THEIR USE
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TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT FLING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ FOR Windows Version 4.0
SEQ ID NO 24
                                                                                                                                                                                Sequence 20, Application US/11021949 Publication No. US20050142541A1
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Best Local Similarity
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APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARWIENTO, CHAMORI
APPLICANT: SCHWEIZER, JOHANNES
CURRENT APPLICATION NUMBER: US/11/021,949
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
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Pred. No.
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43;
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APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOPTWARE: PASUSEQ for Windows Version 4.0
; SEQ ID NO 22
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-20
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-22
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US-11-021-949-23
US-11-021-949-23
; Sequence 23, Application US/11021949
; Publication No. US20050142541A1
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PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 20
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Best Local Similarity
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APPLICANT: GAR
APPLICANT: BEL
APPLICANT: DIA
                                                                                                                                                                                                                                                                                     GENERAL INFORMATION
                                 APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-0.2
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR PILING DATE: 2003-12-23
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SEQ ID NOS: 361
FastSEQ for Windows Version 4.0
                                                                                                                                                                                                GARMAN, JONATHAN DAVID
BELMARES, MICHAEL P.
DIAZ-SARMIENTO, CHAMORRO SOMOZA
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75.0%;
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Pred. No. 43;
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; TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-23
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SEQ ID NO 31
LENGTH: 162
TYPE: PRT
ORGANISM: human papilloma virus (HPV)
US-11-021-949-31
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US-11-021-949-31
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Best Local
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Publication No.
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APPLICANT:
APPLICANT:
APPLICANT:
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                                               NUMBER OF SEQ II
SEQ ID NO 106779
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APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
CURRENT FILING DATE: 2004-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
                                                                             TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                               APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yongwei
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TYPE: PRT
ORGANISM: Oryza sativa
                                 LENGTH: 135
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Local Similarity 75.0%;
les 6; Conservativo
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Boukharov, Andrey
Barbazuk, Brad
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No. US20050142541A1
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                                                                      ID NOS: 204966
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75.0%;
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Pred. No.
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Pred. No. 46;
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FEATURE:

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; OTHER INFORMATION: Clone ID: PAT_MRT4530_11193C.1.pep US-10-437-963-106779
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                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 41
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TYPE: PRT
; ORGANISM: human papilloma
US-11-021-949-359
                                                                                                                                                                                                                                                                                                                                                     Sequence 23, Application US/10476570 Publication No. US20040170644A1 GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: PCT/FR02/01533
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: FR 01 05980
PRIOR FILING DATE: 2001-05-04
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver: 2.1
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local
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                                                                                                                                                                         APPLICANT: COMMISSARIAT A L'ENERGIE ATOMIQUE
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
APPLICANT: MAILLERE, Bernard
APPLICANT: BOUNGATUI-VILLADA, Isabelle
APPLICANT: BOUNGATILLE, Sandra
APPLICANT: GUILLE-MORATILLE, Sandra
TITLE OF INVENTION: Mixture of peptides derived from E6 and/or E7
TITLE OF INVENTION: papillomavirus proteins and uses thereof
EILE REFERENCE: 45636-5071-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LU, PETER
APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: DIAZ-SARMIENTO, CHAMORRO SOMOZA
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR APPLICATION NUMBER: 60/532,373
PRIOR FILING DATE: 2003-12-23
NUMBER OF SEQ ID NOS: 361
                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/476,570 CURRENT FILING DATE: 2003-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: unsure
LOCATION: (1)..(135)
OTHER INFORMATION: unsure at all Xaa locations
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les 6; Conserv
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6; Conserve
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85.7%;
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75.0%;
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Pred. No.
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Pred. No. 62;
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57;
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APPLICANT: LU, PETER
APPLICANT: GARMAN, JONATHAN DAVID
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: BELMARES, MICHAEL P.
APPLICANT: SCHWEIZER, JOHANNES
TITLE OF INVENTION: ANTIBODIES FOR ONCOGENIC STRAINS OF HPV
TITLE OF INVENTION: AND METHODS OF THEIR USE
FILE REFERENCE: VITA-012
CURRENT APPLICATION NUMBER: US/11/021,949
CURRENT FILING DATE: 2004-12-23
PRIOR FILING DATE: 2003-12-23
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US-11-021-949-27
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; LENGTH: 150
TYPE: PRT
; ORGANISM: human papilloma virus (HPV)
US-11-021-949-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-369-493-11069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 11069
LENGTH: 147
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/11021949 Publication No. US20050142541A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11069, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
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Best Local :
                                                                                SEQ ID NO 27
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Chen, Xianfeng
TITLE OP INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OP INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)B
FILE REFERENCE: 38-10(52052)B
FILE REFERENCE: 38-10(52052)B
                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
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TYPE: PRT
ORGANISM: artificial sequence
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Pred. No.
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Pred. No.
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12;
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APPLICANT: Cao Yongwei
TITLB OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(5323)B
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 229548
LENGTH: 157
TYPE: TT
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US-10-424-599-229548
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US-10-425-115-312020
                                                           GTHER INFORMATION: Clone ID: US-10-425-115-312020
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Best Local (
                                                                                                                                                                                                 APPLICANT: La ROBA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 312020
                                                                                                                                                                                                                                                                                                                                                                  Sequence 312020, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
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Best Local Similarity
             Query Match
Best Local
 Matches
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                                                                                                  FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(185)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                         ORGANISM: Zea mays
                                                                                                                                                                                         ENGTH: 185
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Local Similarity 75.0
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75.0%;
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75.0%;
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75.0%;
 Score 39; DB 4;
Pred. No. 1.1e+02;
1; Mismatches 1
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Pred. No. 91;
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Pred. No. 95;
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                               DB 4; Length 185;
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TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-10-291-737-6
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US-10-291-737-6
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US-10-365-564-6
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CURRENT FILING DATE: 2002-11-12
PRIOR APPLICATION NUMBER: US 09/822,859
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 60/254,588
PRIOR FILING DATE: 2000-12-12
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                         US-10-365-564-6
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Publication No. US20030087299A1

GENERAL INFORMATION:
APPLICANT: WEBSTER, Marion et al.
APPLICANT: WEBSTER, Marion et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
FILE REFERENCE: CL001017-CCN
                                                                      Query Match
Best Local S
Matches 5
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APPLICANT: WEBSTER, MARION et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL001017-CIPCON
CURRENT FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: US 09/822,859
PRIOR APPLICATION NUMBER: US 60/254,588
PRIOR PILING DATE: 2000-02-12
PRIOR APPLICATION NUMBER: US 60/254,588
PRIOR FILING DATE: 2000-02-12
PRIOR PILING DATE: 2000-02-12
PRIOR APPLICATION NUMBER: US 60/254,588
PRIOR FILING DATE: 2000-02-12-12
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                        SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 398
TYPE: PRI
ORGANISM: Caenorhabditis elegans
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Publication No. US20030143623A1
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3; Mismatches
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Pred. No. 2.2e+02;
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RESULT 48 US-10-225-810-35

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RESULT 50
US-10-425-115-199640
; Sequence 19640, Application US/10425115
; Publication US20040214272A1
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US-10-369-493-5326
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Best Local Similarity
Warches 5; Conserva
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; ORGANISM: Caenorhabditis elegans
US-10-225-810-35
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Publication No. US20030157512A1

GENERAL INFORMATION:
APPLICANT: Bermingham, Jr., John R.
TITLE OF INVENTION: Trandorins and Methods of Using Trandorin
FILE REFERENCE: McLaugh-07165

CURRENT APPLICATION NUMBER: US/10/225,810

CURRENT FILING DATE: 2002-08-21

NUMBER OF SEQ ID NOS: 76

SOPTWARE: PatentIn version 3.2

SEQ ID NO 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILLE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT APPLICATION NUMBER: US/03-69,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 5326
LENGTH: 449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5326, Application US/10369493 Publication No. US20030233675A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 75.0%;
Best Local Similarity 55.6%;
Matches 5; Conservative
                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE OF INVENTION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
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Pred. No. 2.4e+02;
3; Mismatches 1
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; SEQ ID NO 199640
; LENGTH: 145
; TYPE; PRT
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(145)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_113644C.1.pep
US-10-425-115-199640

Query Match
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
Matches 7; Conservative 0; Mismatches 1; Indels 0;
Matches 7; Conservative 0; Mismatches 1; Indels 0;
Search completed: May 5, 2006, 08:28:54

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  protein search, using sw
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2: /SIDS5/ptodata/1/pubpas/USO6_NEW_PUB.pep:*

3: /SIDS5/ptodata/1/pubpas/USO7_NEW_PUB.pep:*

4: /SIDS5/ptodata/1/pubpas/USO8_NEW_PUB.pep:*

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1 CVYCKQQLL 9
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13 US-11-087-099-5121

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Sequence 40, Appl Sequence 2928, Ap Sequence 3999, Ap	Sequence 10266, A	Sequence 22, Appl Sequence 22, Appl	Sequence 179, App	Sequence 10388, A	Sequence 22, Appl	Sequence 28, Appl Sequence 330, App	Sequence 28, Appl	Sequence 28, Appl	Sequence 28, Appl Sequence 28, Appl	Sequence 16, Appl	Sequence 2, Appli	Sequence 3, Appri Sequence 531, App	Sequence 22298, A	Sequence 8766, Ap	Sequence 1522, Ap	Sequence 1968, Ap	Sequence 2027, Ap	Sequence 26, Appl	Sequence 30, Appl	Sequence 2, Appli	Sequence 14, Appl	Sequence 1. Appli	Semience 30. Appl	sequence is, Appli	Sequence 11, Appl	Sequence 8, Appli	Sequence 29, Appl	Sequence 132, App	Sequence 132, App	Sequence 3962, Ap	Sequence 74. Appl	sequence 1066. An	Sequence 221, App	Sequence 237, App	Sequence 3, Appli	Sequence 84, Appl	sequence 64, Appl	Sequence 84, Appl	Sequence 84, Appl	Sequence 4938, Ap	Sequence 502, App	Sequence 8329, Ap	Sequence 2202, Ap	equenc	Sequence 131, App	Sequence 3721, Ap	Sequence 500, App	sequence Zella, Ap	Sequence 1666, Ap	Sequence 1666, Ap	equen	eduence .	equence 1	quence 1	equence :	quence 162,
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RESULT 2
US-11-206-138-3
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US-10-530-253-13
; Sequence 13, Application US/10530253
; Publication No. US20060014926A1
; GENERAL INFORMATION:
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Matches
Sequence 3, Application US/11206138 Publication No. US20060039919A1
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TILLE REPERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US/60/415,929
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
NUMBER OF SEQ ID NOS: 65
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TYPE: PRT
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11 US-11-096-568A-13121
11 US-11-188-298-11688
11 US-11-188-298-11108
12 US-11-188-298-11028
12 US-11-079-463-10128
13 US-11-079-463-10128
14 US-11-096-568A-21242
15 US-11-045-004-745
16 US-11-188-298-21413
17 US-11-188-298-21413
18 US-11-188-298-21413
18 US-11-188-298-2558
11 US-11-045-004-366611
18 US-11-045-004-366611
18 US-11-06-568A-5759
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1 US-11-188-298-7755

1 US-11-264-696-277

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Sequence 10128, A
Sequence 818, App
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Sequence 745, App
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Sequence 23, Appl
Sequence 14, Appl
Sequence 3841, Appl
Sequence 2808, Ap
Sequence 277, App
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Sequence 277, App
Sequence 2922, A
Sequence 20725, A
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Sequence 22646, A
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Sequence 23, Appl
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES ANI
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10530253

Publication No. US20060014926A1

ENDERAL INFORMATION:

APPLICANT: Cassetti, Maria C.

APPLICANT: Smith, Larry

APPLICANT: Jeffrey K. Pullen

APPLICANT: Susan P. McElhiney

TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS

FILE REFERENCE: 00630/100M137-US2

CURRENT APPLICATION NUMBER: US/10/530,253

CURRENT FILING DATE: 2005-04-04

CURRENT FILING DATE: 2005-04-04
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CURRENT FILING DATE: 2005-08-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3
LENGTH: 158
TYPE: PRT
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APPLICANT: HealthBanks Biotech CO. LTD.
TITLE OF INVENTION: Fusion protein for inhibiting cervcal cancer
FILE REFERENCE: P7819/0613
                                                                                                                                                                                                                                                          Sequence 3, Application US/10530253 Publication No. US20060014926A1 GENERAL INFORMATION:
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9; Conservative
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; ORGANISM: Human papillomavirus type 16
US-10-530-253-3
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TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-5
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Publication No. US20060014926A1
GENERAL INFORMATION:
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Best Local
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                                                       APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
TITLE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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NUMBER OF SEQ ID NOS: 65
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SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 2002-10-03
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PRIOR FILING DATE: 2003-10-02
             SOFTWARE: PatentIn version 3.1
LENGTH: 248
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illarity 100.0%;
Conservative 0
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Pred. No. 0.058;
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 16
US-10-530-253-7
                                        SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 248
TYPE: PRT
ORGANISM: Human papillomavirus
US-10-530-253-11
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US-10-530-253-9
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US-10-530-253-11
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Publication No.
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Best Local Similarity 100.0%;
Query Match
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APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McBlhiney
APPLICANT: Susan P. McBlhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FAPPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2003-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
                                                                                                                                                                                       APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: DCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
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PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.1
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TYPE: PRT
ORGANISM: Human papillomavirus type 16
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  100.0%; Score 52;
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Pred. No. 0.058;
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  9;
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PILE REPERENCE: 116620-003
CURRENT APPLICATION NUMBER: US/11/192,923A
CURRENT FILING DATE: 2005-07-29
CURRENT FILING DATE: 2005-01-30
PRIOR APPLICATION NUMBER: CN 03115273.2
PRIOR PILING DATE: 2003-01-30
PRIOR FILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 3.3
SEQ ID NO 2
LENGTH: 256
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US-11-192-923A-2
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; ORGANISM: Human papillomavirus
US-11-192-923A-2
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US-10-530-253-18
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SEQ ID NO 18
LENGTH: 149
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Best Local Similarity
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Publication No. US20060014926A1
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Matches 9; Conserv
                                                                                                      Query Match
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                                                                                                                                                                                                                                                           APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PELICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
PRIOR PILING DATE: 2003-10-03
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TITLE OF INVENTION: VIRUS-LIKE PARTICLE CONTAINING A DENGUE VIRUS
TITLE OF INVENTION: RECOMBINANT REPLICON
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
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                                                                     Similarity 87.17; Conservative
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CVYCKOEL 37
                                    CAXCKOOT 8
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87.5%;
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                                                                     Score 45; DB 9;
Pred. No. 0.63;
1; Mismatches
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Pred. No. 0.06;
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Sequence 16, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElhiney
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SETTE, ALESSANDRO
FITTLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M.M.
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR PRILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR PILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
RESULT 13
US-10-530-253-21
; Sequence 21, Application US/10530253
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US-10-530-061-1692
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US-10-530-253-16
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; ORGANISM: Human papillomavirus
US-10-530-061-1692
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Publication No. US20060079453A1
GENERAL INFORMATION:
APPLICANT: SIDNEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1 SEQ ID NO 16
                                                                                                                                                                                                               Best Local Similarity Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McEllingy
TITLE OF INVENTION: HUMAN PARILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Human papillomavirus type 31
                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 149
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Local Similarity 75.0%; Pred. No. 0.5;
les 6; Conservative 2. Minimizer.
                                                                                                                      30 CVYCKGQL 37
                                                                                                                                                                  1 CANCKOOT 8
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                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                          78.8%;
87.5%;
                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                          Score 41; Di
Pred. No. 3;
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Susan P. McElliney
ITILE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/01/530, 253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US/01/0126
PRIOR APPLICATION NUMBER: US/01/0126
PRIOR FILING DATE: 2003-10-02
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOUTWARE: Patentin version 3.1
SEQ ID NO 23
LENGTH: 155
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US-10-530-253-23
, Sequence 23, Application US/10530253
, Publication No. US20060014926A1
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                                                     RESULT 15
US-10-530-253-26
IS-quence 26, Application US/10530253
Publication No. US20060014926A1
GENERAL INFORMATION:
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; TYPE: PRT
; ORGANISM: Human papillomavirus type 51
US-10-530-253-21
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Best Local S
Matches 6
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APPLICANT: Susan P. McElhiney
TITLE ONE TO THE TOWN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
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SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
  APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Human papillomavirus type 56
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
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                                                                                                                                                                                                                                                                                                            Local Similarity
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Smith, Larry
Jeffrey K. Pullen
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                                                                                                                                                                                                                                                                                                              78.8%;
75.0%;
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Pred. No. 3.1;
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, NAME/KEY: MISC FEATURE
; LOCATION: (1)...(152)
; OTHER INFORMATION: where Xaa is
US-10-530-253-39
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US-11-087-099-2242
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                   Sequence 2242, Application US/11087099
Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
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Best Local Similarity 75.0
Matches 6; Conservative
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LENGTH: 158
TYPE: PRT
ORGANISM: Human papillomavirus type
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Publication No.
                                                                                                                                                                                                                                                                                                        Matches
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2003-10-03
RIVEREN DATE: 2002-10-03
RIVERER OF SEQ ID NOS: 65
RIVERER OF SEQ ID NOS: 65
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TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR PILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PATENTIN VETBION 3.1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/11/087,099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 152
TYPE: PRT
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                                                                                                                                                                                                                            32 CVYCKXZL 39
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75.0%;
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75.0%;
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Pred. No. 3.2;

    Mismatches

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Pred. No. 4.6;
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                                                                                                   FILE REFERENCE: 21402-589 A
CURRENT APPLICATION NUMBER: US/10/453,372
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: 09/789390
PRIOR FILING DATE: 2001-02-23
PRIOR PILING DATE: 2001-03-01
PRIOR PILING DATE: 2001-03-01
PRIOR PILING DATE: 2001-03-09
PRIOR FILING DATE: 2001-03-09
PRIOR FILING DATE: 2001-03-10
PRIOR FILING DATE: 2001-03-10
PRIOR FILING DATE: 2001-03-10
PRIOR APPLICATION NUMBER: 09/839446
PRIOR APPLICATION NUMBER: 09/839476
PRIOR APPLICATION NUMBER: 09/839476
PRIOR APPLICATION NUMBER: 09/863776
PRIOR APPLICATION NUMBER: 09/863776
PRIOR APPLICATION NUMBER: 09/863776
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 09/863776
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
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US-11-087-099-8245
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US-11-087-099-2242
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NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 2242
LENGTH: 351
TYPE: PRT
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Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Gennes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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SEQ ID NO 8245
LENGTH: 351
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOI
FILE REFERENCE: 21402-589 A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
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                                          APPLICATION NUMBER: 09/939398
                                                                FILING DATE: 2000-05-3
                                                                                       APPLICATION NUMBER: 60/208263
FILING DATE: 2001-08-24 APPLICATION NUMBER: 60/
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75.0%;
  60/227800
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Pred. No. 20;
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APPLICANT: Cassetti, Maria C.
APPLICANT: Smith, Larry
APPLICANT: Smith, Larry
APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMM
FILE REFERENCE: 00630/100M137-US2
CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 65
COETMADE: BASEIT VERSION 3 1
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APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M.M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR PILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PatentIn version 3.3
SEQ ID NO 562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 1609
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 36
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                  Sequence 20, Application US/10530253
Publication No. US20060014926A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
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75.0%;
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77.8%;
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Pred. No. 2.7;
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Pred. No.
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SOFTWARE: PatentIn version 3.1

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; LENGTH: 158
; TYPE: PRT
; ORGANISM: Human papillomavirus type
US-10-530-253-20
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US-11-087-099-3798
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US-11-087-099-7737
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US-11-087-099-7737
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US-11-087-099-6259
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US-11-087-099-3798
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TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(5)450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 7737
LENGTH: 343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 69.3
Best Local Similarity 75.0
Matches 6; Conservative
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Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
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Sequence 6259, Application US/11087099
Sequence 6259, Application US/11087099
Publication No. US200660041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for
                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 3798
LENGTH: 456
TYPE: PRT
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Best Local (
                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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Local Similarity 57.1%;
ses 4; Conservative
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nilarity 55.6%;
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Pred. No.
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Pred. No.
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    Plant
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APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Gence and Uses for Plant Imp
FILE REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 9642
LENGTH: 456
TYPE: PRT
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SEQ ID NO 6259

LENGTH: 456

TYPE: PRT

ORGANISM: Salmonella enterica subsp. enterica serovar Typhi
US-11-087-099-6259
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US-11-087-099-9642
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US-11-087-099-9642
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                                                                                                                                US-11-188-298-14550
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Best Local S
Matches 5
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PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 14550
LENGTH: 456
TYPE: PRT
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Publication No. US20060075522A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
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Best Local Similarity 55.6%;
Matches 5; Conservative
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Best Local 9
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CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
                                                                  Matches
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nes 5; Conserv
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 303 CVYCNSRML 311
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Pred. No. 53;
2; Mismatches
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                                                                                                      DB 11; Length 456;
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Sequence 19958, Application US/11188298

; Publication No. US20060075522A1

; GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

; TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21 (53452)B

; CURRENT APPLICATION NUMBER: US/11/188,298

; CURRENT FILING DATE: 2005-07-22

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 60/592,978

PRIOR APPLICATION NUMBER: 205-07-31

; NUMBER OF SEQ ID NOS: 22569

; SEQ ID NO 19958

; LENGTH: 456
                                                                                         Sequence 5761, Application US/11087099

Publication No. US20060041961A1

GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: Genes and Uses for Plant Improvement

FILE REFERENCE: 38-21(53450)B EP

CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 5761

LENGTH: 457

TYPE: PRT
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Sequence 5321, Application US/11087099

Publication No. US20060041961A1

GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: Genes and Uses for Plant Improvement

FILE REFERENCE: 38-21(53450) B EP

CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 5221
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US-11-087-099-5761
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; TYPE: PRT
; ORGANISM: Escherichia coli K12
US-11-087-099-5321
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US-11-188-298-19958
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                                                         ; ORGANISM: Salmonella typhimurium LT2 US-11-087-099-5761
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Matches
Query Match
Best Local Similarity
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Best Local Similarity
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55.6%;
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Pred. No.
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Pred. No. 53;
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   DB 11;
53;
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                     Length 457;
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Sequence 10468, Application US/11087099

Publication No. US20060041961A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450) B EP
CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 10468

LENGTH: 457

TYPE: PRT
Sequence 11070, Application US/11087099

Publication No. US20060041961A1

GENERAL INFORMATION:

APPLICANT: Abad, Mark S. et al.

TITLE OF INVENTION: Genes and Uses for Plant
FILE REFERENCE: 38-21(53450)B EP

CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 11070

LENGTH: 457
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US-11-087-099-10468
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US-11-087-099-9118
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US-11-087-099-10468
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SEQ ID NO 9118
LENGTH: 457
TYPE: PRT
ORGANISM: Escherichia coli
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TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(5345)B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
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Local Similarity 55.6%;
tes 5; Conservative
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Pred. No. 53;
2; Mismatches
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US-11-188-298-4860
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US-11-188-298-4860
                                              RESULT 35
US-11-188-298-10221
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PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 4860
LENGTH: 457
                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT FILE REPERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 8450
LENGTH: 457
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Sequence 10221, Application US/11188298 Publication No. US20060075522A1 GENERAL INFORMATION:
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TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
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Local Similarity 55.6%;
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Pred. No. 53;
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US-11-188-298-10221
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Query Match
Best Local Similarity
"hes 5; Conserva
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APPLICANT: Abad, MAYK S. et al.
APPLICANT: Abad, MAYK S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 205-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 16296
LENGTH: 457
TYPEN DET
                                                                                  , ORGANISM: Shigella flexmeri 2a str. 301
US-11-188-298-20671
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APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
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Publication No. US20060075522A1
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Best Local 9
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LENGTH: 457
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                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
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TYPE: PRT
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55.6%;
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Pred. No. 53;
                2; Mismatches
                                  Score 36;
Pred. No.
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53;
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303

CVYCKQQLL 9

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; ORGANISM: Yersinia pestis CO92
US-11-188-298-1940
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US-11-188-298-1940
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US-11-087-099-1964
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US-11-087-099-8259
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US-11-087-099-1964
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Publication No. US20060041961A1
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21 (53450) B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 1964
LENGTH: 465
TYPE- 1176
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Genes and Uses for Plant Improvement
TITLE OF INVENTION: Genes and Uses for Plant Improvement
FILE REFERENCE: 38-21(53450) B EP
CURRENT APPLICATION NUMBER: US/11/087,099
CURRENT FILING DATE: 2005-03-22
NUMBER OF SEQ ID NOS: 12464
SEQ ID NO 8259
LENGTH: 466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 1940
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Best Local
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Matches 5; Conserv
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TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
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55.6%;
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Pred. No.
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APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53452)B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR PRILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 18632
LENGTH: 466
TYPE: PRT
                                                                                                                                                                                                                                                                   APPLICANT: SIDNEY, JOHN
APPLICANT: SCOTTMOOD, SCOTT
APPLICANT: SCOTTMOOD, SCOTT
APPLICANT: SCOTTMOOD, SCOTT
APPLICANT: SCOTTMOOD, SCOTT
APPLICANTON: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EXS/M.M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
PRIOR FILING DATE: 2002-10-03
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; ORGANISM: Yersinia pestis KIM
US-11-087-099-8259
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Matches
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Best Local Similarity
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                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PatentIn version 3.3
                                                                                                                                             LENGTH: 9
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Yersinia pestis KIM
                                                                                                                            ORGANISM: Human papillomavirus
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Local Similarity 55.6%;
hes 5; Conservative
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                                     5; Conservative
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Pred. No. 54;
2; Mismatches
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                                     Score 35; DB 9;
Pred. No. 1.9e+05;
1; Mismatches 0
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CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR PILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PATENTIN VETSION 3.3
SEQ ID NO 493
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US-11-004-399-2142
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SOPTWARE: PATENTIN VERSION 3.1
SEQ ID NO 2142
LENGTH: 35
TYPE: PRT
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                                                                                                Query Match
Best Local Similarity
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                                                                               Matches
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TITLE OF INVENTION: Genetically Modified Plants Comprising SARS-COV Viral Nucleotide
TITLE OF INVENTION: Sequences and Methods of Use Thereof For Immunization Against SI
FILE REFERENCE: 2587/73166/RDK
CURRENT APPLICATION NUMBER: US/11/004,399
CURRENT FILING DATE: 2004-12-03
PRIOR APPLICATION NUMBER: US 60/527,637
PRIOR PILING DATE: 2003-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chye, Mee Lee
APPLICANT: Li, Hong Ye
APPLICANT: Ramalingam,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
TITLE OP INVENTION: HLA BINDING PEPTIDES AND THEIR USES
FILE REFERENCE: 2060.033US02/EKS/M-M
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TYPE: PRT
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  CVFCKKNII 23
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o. US20060079453A1
                                                                             Conservative
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Pred. No. 11;
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RESULT 45

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; ORGANISM: Human papillomavirus type 18
US-10-530-253-15
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US-11-188-298-13134
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                                                                                                                        Sequence 19, Application US/10530253; Publication No. US20060014926A1; GENERAL INFORMATION: APPLICANT: Cassetti, Maria C.
                                                                                                                                                                                                                 US-10-530-253-19
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: GENES AND USES FOR PLANT IMPROVEMENT
FILE REPERENCE: 38-21 (53452) B
CURRENT APPLICATION NUMBER: US/11/188,298
CURRENT FILING DATE: 2005-07-22
PRIOR APPLICATION NUMBER: 60/592,978
PRIOR FILING DATE: 2004-07-31
NUMBER OF SEQ ID NOS: 22569
SEQ ID NO 13134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 158
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Best Local Similarity 55.6%;
Matches 5; Conservative
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Best Local Similarity
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APPLICANT: Susan P. McElhiney
TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
                    APPLICANT: Jeffrey K. Pullen
APPLICANT: Susan P. McElhiney
TITLE OP INVENTION: HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS
FILE REFERENCE: 00630/100M137-US2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/530,253
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR PILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cassetti, Maria C. APPLICANT: Smith, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 65
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                                                                                                        APPLICANT: Smith, Larry
CURRENT APPLICATION NUMBER: US/10/530,253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 109
TYPE: PRT
                                                                                                                                                                                                                                                                                                      32 CVYCKTVL 39
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                                                                                                                                                                                                                                                                                                                                                                                                               75.0%;
                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                             Score 35; DB
Pred. No. 34;
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Pred. No. 26;
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Sequence 5274, Application US/11087099

Publication No. US20060041961A1

GENERAL INFORMATION:
APPLICANT: Abad, Mark S. et al.
TITLE OF INVENTION: Genee and Uses for Plant Improvement
FILLS REFERENCE: 38-21(53450)B EP
CURRENT APPLICATION NUMBER: US/11/087,099

CURRENT APPLICATION NUMBER: US/12/087,099

CURRENT FILING DATE: 2005-03-22

NUMBER OF SEQ ID NOS: 12464

SEQ ID NO 5274

LENGTH: 343

TYPE: PRT
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Best Local Similarity
Matches 5; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT ; ORGANISM: Human papillomavirus type US-10-530-253-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Listeria monocytogenes EGD-e
US-11-087-099-5274
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 158
TYPE: DOT
                                                                                                                                                                                                                                                                                                                     Sequence 2215, Application US/11045004 Publication No. US20060078901A1
                                                                                                                                                                                                                                                                                                        GENERAL
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PRIOR APPLICATION NUMBER: PCT/US2003/031726
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,929
PRIOR FILING DATE: 2002-10-03
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                                                PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                            95 CIYCKE 100
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                                                        COSSART, PASCALE
DANIELS, JUSTIN
GOEBEI, WERNER
KREFT, JURGEN
KUHN, MICHAEL
VAZQUEZ-BOLAND, ANTONIO DOMINGUEZ-BERNAL, GUSTAVV GARRIDO-GARCIA, PATRICIA
                                                                                                                                   NEDJARI, HAFED
GLASER, PHILIPPE
KUNST, FRANCK
                                                                                                                                                                                 DUSSURGET, OLIVIER CHETOUANI, FARID
                                                                                                                                                                                                             FSIHI, HAPIDA
DEHOUX, PIERRE
                                                                                                                                                                                                                                         FRANGEUL, LIONEL COUVE, ELISABETH RUSNIOK, CHRISTOPHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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62.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 35; DB
Pred. No. 34;
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APPLICANT:
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APPLICANT: SIDNEY, JOHN
APPLICANT: SOUTHWOOD, SCOTT
APPLICANT: SCUTHWOOD, SCOTT
APPLICANT: SETTE, ALESSANDRO
TITLE OF INVENTION: HLA BINDING PEPTIDES AND THE
FILE REFERENCE: 2060.033US02/EKS/M-M
CURRENT APPLICATION NUMBER: US/10/530,061
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: PCT/US03/31308
PRIOR FILING DATE: 2003-10-03
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: 60/416,207
PRIOR APPLICATION NUMBER: 60/417,269
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-08
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US-10-530-061-560
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CURRENT FILING DATE: 2005-01-28
PRIOR APPLICATION NUMBER: 10/637,657
PRIOR FILING DATE: 2003-08-11
PRIOR FILING DATE: 2003-08-11
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2002-10-08
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: FR 00/04,629
PRIOR APPLICATION NUMBER: FR 00/04,629
PRIOR FILING DATE: 2000-04-11
PRIOR FILING DATE: 2000-04-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.3
SEQ ID NO 2215
LENGTH: 343
TYPE: PRT
ORGANISM: Listeria monocytogenes
                     NUMBER OF SEQ ID NOS: 2503
SOFTWARE: PatentIn version 3.3
SEQ ID NO 560
LENCTH: 10
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Best Local Similarity
Matches 4; Conserv
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TITLE OF INVENTION: LISTERIA MONOCYTOGENES GENOME,
FILE REFERENCE: 05394.0018-02
ORGANISM: Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95 CIYCKE 100
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CHARBIT, ALAIN
DURANT, LIONEL
PEREZ-DIAZ, JOSE-CLAUDIO
BAQUERO, FERNANDO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KARST, UWE
ENTIAN, KAF
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GOMEZ-LOPEZ, NURIA
MADURNIO, ENCARNA
PABLOS, BETRIZ DE
WEHLAND, JURGEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ROSE, MATTHIAS
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HAIN, THORSTEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/10530061
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Query Marches 5; Conservative 0; Fred mon 5; Day 1, Ength 10; Best Local Similarity 100.0; Fred mon 5; Day 0; Marches 5; Conservative 0; Mill 5
Db 6 CVCK 10

Search Completed: May 5, 2006, 08:29:48

Job Lime: 10.4 ascs
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